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ANNUAL SUMMARY

OF BIRTHS, DEATHS, AND MARRIAGES

OF

BIRTHS, DEATHS, AND CAUSES OF DEATH

IN

LONDON,

AND OTHER LARGE CITIES,

1873.

PUBLISHED BY THE AUTHORITY OF THE REGISTRAR GENERAL OF
BIRTHS, DEATHS, AND MARRIAGES IN ENGLAND.



LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.
FOR HER MAJESTY'S STATIONERY OFFICE.

1874.

LONDON, 1873.

AREA.—The area of London (the registration division so called) is 78,080 acres, or 122 square miles, including 2718 acres of the Thames; this is equal to 31,597 hectares, or 316 square kilometers.

ELEVATION.—The population of London resides at a mean elevation of 39 feet (11.9 metres) above Trinity high-water mark; the elevation varying from 11 feet (3.4 metres) below high-water mark in Plumstead Marshes, to 429 feet (131 metres) above high-water mark in Hampstead.

HOUSES.—At the Census in 1871 there were within this area 417,767 inhabited houses, containing an average of 7.8 persons to a house, exactly corresponding with the proportion in 1861.

ANNUAL RATEABLE VALUE OF PROPERTY (as assessed in 1871) = £19,996,786.

DENSITY (1871).—103 persons to a hectare; 42 persons to an acre; 26,674 to a square mile.

ANNUAL RATE OF INCREASE OF POPULATION PER CENT. . . . $\left\{ \begin{array}{l} 1851-61 \\ 1861-71 \end{array} \right. \begin{array}{l} 1.73 \\ 1.50 \end{array}$

1873—**POPULATION** $\left\{ \begin{array}{l} \text{Males} \\ \text{Females} \end{array} \right. \begin{array}{l} 1,570,804 \\ 1,785,269 \end{array} \right\} \text{TOTAL} 3,356,073$
(Estimated to the middle of the year.)

1873—**BIRTHS** $\left\{ \begin{array}{l} \text{Males} \\ \text{Females} \end{array} \right. \begin{array}{l} 61,602 \\ 59,498 \end{array} \right\} \text{TOTAL} 121,100$

1873—**ANNUAL RATE OF BIRTHS PER 1000** 35.5

1873—**DEATHS** $\left\{ \begin{array}{l} \text{Males} \\ \text{Females} \end{array} \right. \begin{array}{l} 39,001 \\ 37,633 \end{array} \right\} \text{TOTAL} 76,634$

1873—**ANNUAL RATE OF MORTALITY PER 1000** $\left\{ \begin{array}{l} \text{Males} \\ \text{Females} \end{array} \right. \begin{array}{l} 24.8 \\ 21.2 \end{array} \right\} \text{TOTAL} 22.5$

1873—**EXCESS OF REGISTERED BIRTHS OVER DEATHS** 44,466

1873—**ESTIMATED INCREASE OF POPULATION** 44,775

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ANNUAL SUMMARY.

LONDON,

AND OTHER LARGE CITIES,

1873.

*General Register Office, Somerset House,
10th April 1874.*

LONDON.

THE population of London within the tables of mortality is estimated for the middle of the year at *three million three hundred and fifty-six thousand and seventy-three*.

The London of the tables has an area of *one hundred and twenty-two* square miles; it extends down the Thames from Fulham to Woolwich, and climbs the hills up to Hampstead on the north, Norwood on the south side of the dividing tidal river crossed by seventeen bridges* and partially fringed by a fine embankment. The mean elevation of the houses above Trinity high water mark at the last determination was *thirteen* yards; but the elevation ranges from *four* yards *below* in Plumstead Marshes, to *one hundred and forty-three* yards in Hampstead *above* that mark. The hills are higher than the hills of Rome, the river at night reflecting thousands of lights eclipses the Tiber.

The average daily supply of water by eight companies is of 514,269 metric tons taken from the Thames above Teddington Lock, from the tributary Lea, and from deep wells. The daily water supply to houses has increased from 178 gallons in 1872 to 184 gallons in 1873. The supply is virtually a monopoly, and though not now in the hands of any municipal authority, but of companies who are necessarily guided by commercial considerations, has been greatly improved since it was shown in the returns that intermingled sewage impurities diffuse choleraic and other zymotic diseases in an extraordinary manner: the main intakes have been carried higher up the Thames, the filtration has been improved, and in some places the water is supplied on the constant system. Dr. Frankland shows in his excellent report that 648 out of 2525 miles of main are always charged; so that the chief obstacles to the general introduction of a constant supply, facilitating alike the extinction of fires and of disease, are the costly and stringent regulations of the companies. The water of the Thames had 21°, of the Lea 22°, of the Kent Company 29° of hardness. The water supplied by the Kent Company, obtained from deep wells in the chalk, is of a very constant temperature (12°.1 Cent.); it is always clear and transparent, so that by using the softening process, for years in

* Of these bridges six are for railways. Another bridge is in the process of construction. There are besides the Thames Tunnel, and the Hungerford Bridge for foot passengers.

operation in Canterbury and other places, this company might supply water perfectly suitable to all purposes. To the New River, the West Middlesex, and the East London Companies the analyst awards a just meed of praise for their effective filtrations.

The main system of sewers under the engineers of the London Board of Works is approaching completion; so that ere long very little of the sewage will find its way into the Thames within the inhabited area. The chief deficiencies to be supplied are better branch drains in direct communication with the dwellings; and the productive disposal of the sewage for agricultural purposes. The average amount of sewage water pumped into the Thames daily at Crossness and Barking was 555,102 metric tons, which, if skilfully applied, might cover thousands of acres with fertility. How this can be done is the great problem of the day, and must be attacked at once in London and in all the other towns of the kingdom. The flow of sewage is greatest in the first, least in the third quarter of the year.

The smoke nuisance has been partially dealt with; but it admits of further reduction by operating not only on the furnaces of manufactories but on the kitchen and other fires, where the stoking is far from being so skilful as it might be. Every family creates nuisances by which its neighbours suffer. The recent London fogs have shown, by concentrating it, how fatal foul smoke is to weak lungs.

The meteorological elements of the year were very evenly balanced; the temperature, the dew-point, the humidity, the rainfall not only deviated very little from the average of the year, but very little from the average of the respective seasons. The mean temperature of the air was $32^{\circ}9$ in the coldest week (ending February 8th), $68^{\circ}8$ in the hottest week (ending July 26th), and $48^{\circ}9$ in the year. The lowest temperature by night was $22^{\circ}1$, the highest temperature by day $88^{\circ}7$. These extremes of temperature increased the deaths registered in the weeks following.

The annual rateable value of property in London is 20 millions; but it is impossible to say what the income of the inhabitants amounts to: taken as a rough approximation at seven times the rateable value it would amount to 140 millions a year. In the year ended March 1869* the receipts from rates, exclusive of county rates, were 3,730,572*l.*; including the levies for poor relief 1,509,922*l.*, for vestry expenditure 1,112,218*l.*, for City Corporation and Commission of Sewers 192,514*l.*, for Metropolitan Board of Works 417,305*l.*, for Metropolitan Police 481,744*l.* Besides these rates of a municipal character, the receipts of the 13 Gas Companies for gas rates in the year 1870 were 2,046,974*l.*, while the receipts of the 8 Water Companies for water rates were 991,564*l.*, making the levy of rates by these companies 3,038,538*l.* a year. The revenue of the Gas and Water Companies from all sources was $3\frac{1}{2}$ millions sterling; the expenditure $2\frac{1}{6}$ millions; the net profit 1,349,436*l.* The capital of the companies at the latest returns was 18,291,130*l.*; on which the net profit of 1,349,436*l.* would pay $7\frac{4}{5}\%$ per cent. Now it is certain that London, with a complete and intelligent municipal organization, could have borrowed money at the rate of $3\frac{1}{2}$ or 4 per cent.; and had any such organization existed, the gas and waterworks on a combined plan might have been produced for less than 18 millions sterling; but even at 4 per cent. the capital returned could have been raised at a cost of 731,645*l.* a year, instead of 1,349,436*l.*, with which London is now oppressed: 617,793*l.* would have been free to devote to other purposes; or a sum exceeding by 200,488*l.* the whole of the rate levied by the Metropolitan Board of Works for the sewers, embankment, and other public works.

Neither water nor gas companies paid such dividends at first as they do now, because the consumption of their products was limited; but the time has arrived when not only water but gas in towns is recognized universally as a neces-

* Board of Trade Miscellaneous Statistics, p. 244. The returns of the water and gas companies cannot yet be procured for the year 1873; those made under Acts of Parliament are far from clear.

sary of life ; and both should consequently be supplied by the municipal authorities, wherever, in the opinion of the ratepayers, their mayors and town councils can be trusted to manage the municipal business with as much integrity, intelligence, and zeal for the interests of their fellow townsmen, as the directors of gas and water companies display on behalf of the shareholders.

The great water and gas companies now supply even a wider area than the London within the weekly tables ; and it is evident that while the Lord Mayor on his small domain stood aloof, and the half trusted vestries wanted intelligence to perceive or to endeavour to supply the new wants of the age, the field was left open to capitalists, who acquired under Acts of Parliament the legal right to levy taxes, of which they can only be deprived by equitable purchase, and by such sacrifices as might be made with ultimate advantage to the inhabitants.

The people of London in the main gain their own livelihood, and sustain their own poor. How they gain their livelihood is shown to a considerable extent by the Census returns, of which an abstract is supplied. Agriculture, as may be anticipated, is scarcely represented even among the *Males* ; but the members of all the professions abound, and amount with their immediate subordinates to 107,130 : the commercial, carrying, and warehousing class consists of 211,118 ; but the class exceeding all the rest is the industrial, numbering 504,772 males under specific employments, without counting 108,379 adult males, including 65,326 general labourers whose occupations are less definite.

Of women there are 630,030 wives, daughters, and others engaged in household duties, or aiding their husbands and parents ; and no less than 226,393 domestic servants ! 4879 women are schoolmistresses, 11,191 teachers and governesses, 5272 bookbinders, 4360 artificial flower makers, 58,460 milliners or dressmakers, 14,780 tailoresses, 26,875 shirtmakers and seamstresses, 4699 shoe and bootmakers, 10,724 (sewing ?) machine workers, 43,998 laundry women ; 29,013 women are returned simply as gentlewomen, or annuitants.

The tables of the sexes, ages, and conjugal condition show that of 1,081,973 of the population in 1871 under 15 years of age, the number of males and females is nearly equal ; that the number of husbands and wives is 1,128,409 ; and the number aged 15 and upwards, widowed or unmarried of both sexes, is 1,043,878.

The number of wives 15 and under 45 years of age amounted to 408,837, of widows of the same age to 34,565, of spinsters to 414,851. The wives bore 108,166 registered legitimate children in 1871 ; the spinsters and widows 4451 registered illegitimate children. As more than one in 4 of the wives bear children annually, the nursing and bringing up of children is a large and important part of their occupation.

Of the 1,081,973 children under 15 years of age, 413,404 were returned as scholars, 617,236 as of no occupation, leaving only 51,333 children of both sexes having specific occupations. This is remarkable. Taking the 309,658 children of 10 and under 15 we have this result : 164,743 were returned as scholars, 93,904 as of no specific occupation, and 51,011 under employments, 10,175 of them being messengers and errand boys. It is evident that a larger number of the unemployed of both sexes should have been at school. Contrast this with Lancashire : there, out of 301,124 children of the age 10—15, no less than 116,564 were employed (59,536 in the cotton manufacture), 142,971 were scholars, and 41,589 were unemployed.

There are no complete returns, such as exist in Paris, of the amount of food consumed by the 3,356,073 inhabitants of London ; but we know that it must be large ; and that at the same time it comprises but a portion of the necessities and luxuries of life. The daily supply of food by river, canal, road, and railway is in itself a great operation ; that is, however, intelligible ; but there is an operation of still greater difficulty, and by no means so clear, which London accomplishes, and that is the production of the means of paying for its subsistence. London is self-

sustaining ; it lives neither on the tribute of the rest of the kingdom, nor on the spoils of provinces as did Rome, its ancient competitor in greatness. The Empire-city, in the words of Mommsen "had to be fed by its subjects ;" and 320,000 of its citizens habitually received their dole of bread-corn free, until Cæsar reduced the numbers, by excluding all having means or otherwise provided for, to 150,000. And out of an estimated population of 2,045,000, full 800,000 slaves served the citizens gratuitously in arts, trades, and professions.*

BIRTHS IN LONDON : INCREASE OF POPULATION.

The number of births was 121,100 in 53 weeks, or 2285 weekly ; and as the deaths were 76,634 or 1446 weekly, the excess of births over deaths was 44,466 or 839 weekly. This excess comes near the estimated increase of population, so the actual agrees with the natural increase ; but there is a continual outflow of people born in London, and inflow of people born in the rest of the kingdom or abroad. In the census year London contained 1,198,684 persons born outside its limits ; while upon the other hand 436,364 people born in London were located in other parts of England and Wales.†

The increase of London in the 10 years 1861-71 was at the rate of 16.1 per cent. ; it was 23 per cent. in the West Districts, but all the increase occurred in Chelsea and Kensington, as the population declined in Westminster, and was stationary in the great district of St. George Hanover Square. The North Districts increased by 22 per cent. ; but among them Marylebone declined, Pancras increased only 11, while Islington increased 38, Hackney 50, Hampstead 69 per cent. The population of all the Central Districts, extending from the Strand to the City of London, *decreased* 13 per cent. The law courts, railway stations, and offices have displaced dwelling houses ; in the day time the offices are filled, but their occupants are properly enumerated at the houses in which they sleep, as there their families live, their children are born, their deaths are for the most part registered. The East Districts, with the exception of Bethnal Green, Mile End Old Town, and Poplar, were stationary or decreasing. The increase of population was greatest in South London, which, low and flat, has benefited so much by the new system of drainage, and lying near the Thames is convenient for many manufacturing processes. Lewisham, Camberwell, and Wandsworth, still thinly inhabited, increased 61, 56, and 78 per cent. in the 10 years preceding the Census.

The density of population in London was such, that there were 25 persons to an acre in 1841, and 42 in 1871 ; the density in the 30 years doubled in the West, North, and South Districts ; in the Central Districts it declined from 172 to 150.

HEALTH OF LONDON : MORTALITY.

The mortality was at the annual rate of 24.2 per 1000 over the 34 years 1840-73 ; it was as high as 30.1 in 1849, 29.4 in 1854, and 26.5 in 1866, when cholera was epidemic : it was as low as 21.5 in 1872, 22.5 in 1873 ; the mortality having never been so low for any two consecutive years since 1840, and by fair inference never so low in any two years since London existed. It is a general law that the mortality increases with the density ; and this would no doubt have been observed in London, had it not been for the increased purity of the water supply, the new system of drainage which is now, though incomplete, in operation, and some improvement in that most important condition of life—lodging.†

In the last year measles, whooping-cough, and diarrhoea were the ruling zymotic diseases. Fever in its three forms is less fatal than it was in former years ; in

* See Mommsen's *Rome*, English translation, Book V., Chap. xi., and Smith's *Dictionary of Greek and Roman Geography* ; Article, *Rome*.

† *Census Report*, p. xxii., and p. 70.

‡ See *Memorial of the Royal College of Physicians of London to the Right Hon. B. Disraeli.*

1862-65 its victims ranged from 2892 to 3689. In 1873 the deaths by fever were 1549, namely, 284 by typhus, 921 by typhoid or enteric, and 344 by simple continued fever.

The violent deaths show no diminution; they have progressively risen from 2247 in 1861 to 2843 in 1873. There is little increase of homicide or suicide; and a decrease of executions. While one execution excites great feeling, and a murder finds ample reports in the journals, it is left for weekly tables to tell that on an average 45 people of both sexes and of all ages are killed by negligence or accident every week in London. The deaths by violence in the streets in five years were 1028. Of this number, 50 deaths were caused in one way or other by horses; 55 by carriages; 94 by omnibuses; 130 by cabs. But these lighter carriages are far outdone by heavy vehicles, often driven unskillfully and without effective breaks; thus 353 persons were killed by vans and waggons; 26 by drays, and 289 by butchers', bakers', and other carts. Goods must be transported from one part of London to another; but the deaths under the car of Juggernaut sink into insignificance by the side of the deaths by vans, waggons, and carts in our own streets. In the last year the tram-carriages killed 17, against 12 killed by omnibuses; they evidently require careful drivers and conductors.

DEATHS in the STREETS of LONDON caused by HORSES or VEHICLES in the 5 Years 1869-73.

YEARS.	BY HORSES	BY VEHICLES.								DEATHS by HORSES and VEHICLES.	
		Carriage.	Omnibus.	Tram-car.	Cab.	Van, Waggon.	Dray.	Cart.	Others.		
1869	-	10	6	18	—	26	59	3	70	—	192
1870	-	10	12	20	—	29	63	8	51	5	198
1871	-	9	12	20	—	23	74	4	60	6	208
1872	-	8	15	24	—	24	82	7	52	1	213
1873	-	13	10	12	17	28	75	4	56	2	217
Total 1869-73		50	55	94	17	130	353	26	289	14	1028

The distribution of zymotic diseases over every sub-district of London is shown in Table 13.

Measles is one of the important zymotic diseases which generally attack children once in their lifetime, and that generally at the ages 0-4. Its activity depends upon circumstances that have not yet been determined. It is therefore all the more important to record, and compare together the facts that throw light on the courses of its zymotic development and subsidence. This is done in Table 14.

The mean annual deaths by measles in the 34 years 1840-73 were 1487; seven times the annual deaths exceeded 2000; and three times they fell below 900. The 52 weeks of 1864 saw 2750 deaths, the highest number; while the 52 weeks of 1852 saw only 600 deaths: the proportions being between 4 and 5 to 1.

Taking weeks, the weekly average was 29; in the cold months of January, February, March the weekly deaths by measles were 25; in the three warm months of July, August, September the weekly deaths were also 25; in the spring quarter they were 30; and in the last quarter of the year 34. This lends no support to the popular medical notion that under this disease cold is more injurious to patients than hot or intermediate temperatures. The seventh week of the year presented the lowest weekly average (20); the fifty-first the highest (43). Deaths from measles were registered in every week of the 34 years; but in one week of each of the years 1841, 1846, 1852, and 1861 only 2 deaths were recorded. On the thirty-first week of 1864 the deaths (102) exceeded 100; but this occurred only once again on any other week up to the forty-fourth of 1873, when the deaths by measles rose to 103; on the forty-seventh week they rose again to 130, and on the fifty-first week

to 168. This is therefore the greatest number of deaths by measles in any one week since the year 1840.

13,101 of the people of London died in public institutions ; 7416 in workhouses, 4860 in civil hospitals, including 128 in hospitals for foreigners, 207 in naval and military hospitals, 405 in lunatic asylums, and 62 in prisons ; 17 women died in Queen Charlotte's Lying-in Hospital.

THE LONDON OUTER RING.

The area of the outer ring is almost five times as extensive as the central city ; and it extends over a circle drawn with a radius of 15 miles from Charing Cross. The population of the greater London within the circuit is estimated at 4,050,577. Of this population 694,504 belong by estimate to the outer ring.

The social condition of the population outside is different from that of the London of the tables ; but the difference in the rates of mortality is chiefly due to the difference of density.

The London water companies and gas companies extend their supply into, and not over the outer ring ; but the great drainage system was, it appears, not designed for any Districts outside the jurisdiction of the Metropolitan Board of Works ; so as the land becomes covered with population, and as time flows on, saturated with impurities, the deficiency of drainage will tell seriously on the health of the inhabitants.

The outer ring having no connection with the Metropolitan Board is governed by vestries, and by the *thirty-two* following Sanitary Authorities : Epsom, Croydon, Wimbledon, Kingston, Ham, Surbiton, Malden, East Molesey, Hampton-wick, Teddington, and Richmond, in Surrey ; Bromley, in Kent ; West Ham, Wanstead, Leyton, Walthamstow, and Woodford, in Essex ; Staines, Uxbridge, Twickenham, Ealing, Chiswick, Acton, Harrow-on-the-Hill, Hornsey, South Hornsey, Tottenham, Edmonton, Enfield, Waltham Holy Cross, and Cheshunt, in Middlesex ; Barnet in Hertfordshire. Croydon has its own water supply, and an efficient system of drainage, under which it distributes the sewage on farms, which pay a high rental. Efforts in that direction are made by the other Local Boards ; but upon the whole these smaller bodies appear to be incapable of dealing effectually with the vast problem which is every year increasing in complexity, and which requires immediate solution. Drainage, water supply, lighting, roads, sanitary arrangements of every kind can only be dealt with effectually by concentrated municipal power armed with adequate authority.

THE EIGHTEEN GREAT ENGLISH TOWNS AND CITIES.

The mortality in the whole population estimated at 6,485,894 was at the annual rate of 24.1. Arranged in the order of mortality the towns stand thus : Portsmouth 18.4 ; Norwich 21.5 ; London 22.5 ; Sunderland 22.8 ; Bristol 23.1 ; Nottingham 23.2 ; Hull 23.9 ; Leicester 24.4 ; Bradford 24.7 ; Birmingham 24.9 ; Wolverhampton 25.1 ; Oldham and Sheffield 25.8 ; Liverpool 25.9 ; Leeds 27.6 ; Salford 29.3 ; Manchester and Newcastle-on-Tyne 30.1.

THE FIFTY LARGE TOWN DISTRICTS.

Their population is estimated at 2,626,363 ; and the births registered in the year were 96,317, the deaths 59,803 ; the excess of births over deaths was 36,514. The birth-rate was 36.7, the death-rate was 22.8 on 1000 living.

The mortality was below 18 per 1000 in Dover, Maidstone, and Cheltenham ; below 19 in Hastings, Brighton, Reading, Cambridge, Colchester, and Devonport.

The mortality exceeded 30 in Blackburn and Preston ; it was as usual high in all the Lancashire towns, which have yet a great deal to do ere their inhabitants can enjoy the average health of Englishmen.

TABLES.

TABLE I.—Population; Persons to an Acre; Births and Deaths; Annual Birth and Death Rates; Mean Temperature and Rainfall, in the Year 1873, in London and Twenty other Large Towns of the United Kingdom.

CITIES AND BOROUGHS.	ESTI- MATED POPU- LATION in the middle of the Year 1873.*	PER- SONS to an Acre, mid. 1873.	BIRTHS in 53 Weeks ending 3rd Jan. 1874.	DEATHS in 53 Weeks ending 3rd Jan. 1874.	ANNUAL RATE per 1000 living.						MEAN TEMPE- RATURE in 53 Weeks ending 3rd Jan. 1874.	RAIN- FALL in inches in 53 Weeks ending 3rd Jan. 1874.		
					BIRTHS in 53 Weeks ending 3rd Jan. 1874.			DEATHS in 52 Weeks ending December						
					1873.	1869.	1870.	1871.	1872.	1873.				
LIVERPOOL	505,274	97.0	19,106	13,301	37.2	30.4	32.9	35.1	27.1	29.0	52.0	52.0	52.0	
MANCHESTER	354,037	82.5	14,037	10,833	39.0	30.7	29.8	31.2	28.6	30.1	42.0	42.0	42.0	
SALFORD	130,463	25.2	5,691	3,884	42.9	26.4	25.8	30.4	25.8	29.3	47.6	32.24	32.24	
OLDHAM	85,141	18.2	3,538	2,235	40.9	25.7	27.0	24.9	31.1	25.8	35.11	35.11	35.11	
BRADFORD	156,009	24.1	6,362	3,921	40.0	25.6	27.5	25.5	26.3	24.7	48.4	22.44	22.44	
LEEDS	272,619	19.6	11,524	7,643	41.6	26.6	28.7	26.4	27.9	27.6	47.9	21.89	21.89	
SHEFFIELD	254,332	12.9	10,901	6,654	42.5	28.7	26.5	28.3	26.0	25.8	48.0	22.51	22.51	
HULL	128,125	35.2	5,153	3,101	39.7	27.4	23.8	23.2	26.1	23.9	47.1	33.0	33.0	
SUNDERLAND	102,450	31.0	4,632	2,371	44.5	22.9	20.9	26.5	26.5	22.8	33.0	33.0	33.0	
NEWCASTLE-ON-TYNE	133,246	24.8	5,652	4,059	41.9	27.2	25.4	32.2	26.2	30.1	33.0	33.0	33.0	
EDINBURGH	208,533	47.1	6,913	4,639	32.7	27.6	23.7	26.9	26.5	22.0	33.0	33.0	33.0	
GLASGOW	408,462	95.5	19,798	14,711	39.1	34.0	29.6	32.9	28.4	29.1	46.5	45.15	45.15	
DUBLIN	314,666	31.3	9,031	8,216	28.3	24.7	24.9	26.2	28.5	25.7	48.9	33.0	33.0	

NOTE.—The deaths in Manchester and Bristol include paupers belonging to those cities who died in Workhouses situated outside the Municipal boundaries.

* The figures in this column, excepting those for Dublin, are the numbers enumerated at the Census in April 1871, raised to the middle of 1873 by the addition of $2\frac{1}{2}$ times the annual rate of increase which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in 1871.

Annual Rate of Mortality in Twenty-one large Towns

TABLE 2.—Mean Temperature at the Royal Observatory Greenwich, and Annual Rate of Mortality per 1000 Persons living in Twenty-one Large Towns of the United Kingdom, in each Week of 1873.

WEEKS ENDING	MEAN TEM- PERATURE AT GREEN- WICH.		ANNUAL RATE OF MORTALITY PER 1000.																													
	Fahrenheit.	Centigrade.	TOTAL OF 21 LARGE TOWNS.		LONDON.	PORTSMOUTH.	NORWICH.	BRISTOL.	WOLVERHAM- PTON.	BIRMINGHAM.	LEICESTER.	NOTTINGHAM.	LIVERPOOL.	MANCHESTER.	SALFORD.	OLDHAM.	BRADFORD.	LEEDS.	SHEFFIELD.	HULL.	SUNDERLAND.	NEWCASTLE-ON- TYNE.	EDINBURGH.	GLASGOW.	DUBLIN.							
	°	°	48° 9	9° 39	24	22	18	22	23	25	25	24	23	26	30	29	26	25	28	26	24	23	30	22	29	21	27	29	24	29	26	
YEAR (of 53 Weeks ending 3d Jan. 1874.)	°	°	48° 9	9° 39	24	22	18	22	23	25	25	24	23	26	30	29	26	25	28	26	24	23	30	22	29	21	27	29	24	29	26	
March Qr. (13 weeks)	39° 6	4° 22	26	23	18	26	25	26	25	25	25	22	27	34	31	31	26	27	25	25	23	27	29	24	32	33	33	33	33	33		
June „	51° 5	10° 83	23	20	17	19	23	21	22	22	21	24	29	30	30	27	24	25	26	26	21	21	27	23	31	31	25	31	31	31	31	
Sept. „	60° 6	15° 89	24	22	18	20	22	28	25	29	27	27	30	29	21	23	27	27	28	22	22	30	19	26	21	21	21	21	21	21	21	
Dec. „	44° 5	6° 95	25	25	20	20	23	26	23	22	23	25	28	27	25	25	31	25	22	21	33	21	27	24	24	24	24	24	24	24	24	
1873.																																
Jan. 4	45° 2	7° 33	23	19	17	25	20	27	26	23	23	25	27	28	36	23	27	23	25	21	31	28	28	28	29	29	29	29	29	29	29	
” 11	47° 9	8° 83	23	19	20	27	24	19	24	22	25	24	32	26	26	22	27	23	27	27	36	24	28	28	28	28	28	28	28	28	28	
” 18	46° 1	7° 83	21	18	16	25	20	24	20	23	18	22	30	21	29	18	27	20	22	30	31	18	25	25	25	25	25	25	25	25	25	
” 25	37° 4	3° 00	22	19	12	24	22	22	20	28	12	26	28	22	25	21	24	26	24	26	19	30	24	26	26	26	26	26	26	26	26	
Feb. 1	33° 3	0° 72	24	21	21	29	18	22	23	20	26	24	33	31	29	30	24	29	29	25	29	20	29	29	29	29	29	29	29	29	29	
” 8	32° 9	0° 50	23	24	23	34	29	25	25	29	18	28	37	31	32	25	28	25	29	29	25	29	24	34	26	35	34	34	34	34	34	
” 15	36° 0	2° 22	28	25	18	31	26	28	26	27	31	37	32	30	34	23	24	24	25	27	27	21	42	42	42	42	42	42	42	42	42	
” 22	33° 4	0° 78	28	26	20	29	24	33	27	31	18	28	30	30	34	23	26	23	29	29	25	29	26	30	35	35	35	35	35	35		
March 1	36° 0	2° 22	30	28	18	33	29	36	30	20	21	31	37	37	47	34	23	30	31	27	30	33	26	37	37	37	37	37	37	37	37	
” 8	43° 3	6° 28	28	25	18	20	31	28	22	27	31	36	37	31	26	28	27	25	25	25	31	25	32	32	32	32	32	32	32	32	32	
” 15	38° 6	3° 66	26	23	21	18	26	24	24	24	28	25	31	34	32	34	29	23	21	21	21	25	27	37	37	37	37	37	37	37	37	37
” 22	39° 1	3° 95	27	24	18	24	25	22	24	29	22	30	41	34	36	36	29	29	26	27	27	27	21	33	34	34	34	34	34	34	34	34
” 29	45° 3	7° 39	26	24	15	22	26	28	26	24	30	26	33	34	25	25	22	27	27	27	26	26	28	33	33	33	33	33	33	33	33	33
April 5	48° 6	9° 22	25	22	18	19	25	22	27	23	29	26	34	40	31	24	28	25	22	14	26	22	30	27	27	27	27	27	27	27	27	
” 12	41° 7	5° 39	25	22	19	24	22	20	29	17	27	33	33	38	28	30	27	25	27	25	25	25	30	27	27	27	27	27	27	27	27	27
” 19	52° 1	11° 27	27	25	21	24	23	22	26	26	29	27	31	38	35	26	28	28	22	23	33	23	32	31	31	31	31	31	31	31	31	
” 26	42° 5	5° 84	22	19	18	24	20	23	21	21	19	25	32	34	31	27	27	23	20	22	18	26	18	25	25	25	25	25	25	25	25	
May 3	48° 5	9° 16	24	21	20	26	26	21	24	21	21	25	32	34	31	27	25	25	22	25	25	25	30	25	25	25	25	25	25	25	25	25
” 10	48° 4	9° 11	23	21	19	20	22	25	18	23	28	26	31	24	26	21	24	26	25	26	25	29	23	32	32	32	32	32	32	32	32	32
” 17	50° 1	10° 06	22	20	19	15	21	21	21	21	21	21	28	27	21	20	26	25	25	25	25	25	25	28	28	28	28	28	28	28	28	28
” 24	49° 6	9° 78	22	19	19	18	24	16	22	24	17	21	29	26	20	21	29	26	25	25	25	25	21	30	29	29	29	29	29	29	29	29
” 31	53° 4	11° 89	22	18	13	19	23	14	23	23	20	18	23	23	20	18	23	23	20	18	23	23	20	18	20	20	20	20	20	20	20	20
June 7	55° 5	14° 00	22	19	11	17	23	19	20	26	19	24	29	32	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	
” 14	56° 8	13° 78	21	17	15	17	21	30	20	21	17	23	23	20	26	19	24	24	24	24	24	24	19	24	24	24	24	24	24	24	24	24
” 21	60° 4	15° 78	21	19	15	20	19	26	19	16	19	22	23	28	34	26	21	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
” 28	62° 0	16° 67	20	18	13	22	24	19	17	19	23	23	23	23	23	15	22	20	24	20	24	20	23	23	23	23	23	23	23	23	23	23
July 5	51° 16	16° 44	21	19	13	22	21	27	22	21	20	21	23	27	23	21	21	22	21	21	16	31	24	28	28	28	28	28	28	28	28	
” 12	62° 6	17° 00	20	18	14	19	20	18	16	18	17	23	26	23	21	21	18	19	21	25	14	22	21	25	25	25	25	25	25	25		
” 19	59° 4	15° 22	22	21	15	21	23	22	20	18	20	25	26	27	16	22	22	23	22	22	16	24	18	25	25	25	25	25	25	25	25	
” 26	68° 8	20° 44	25	25	16	21	21	28	22	24	30	28	32	30	20	23	23	23	23	23	20	26	19	35	35	35	35	35	35	35	35	35
August 2	63° 7	17° 61	25	23	18	13	16	24	23	26	27	30	33	29	20	24	29	30	32	32	17	20	16	31	31	31	31	31	31	31	31	
” 9	66° 0	18° 39	27	27	14	12	21	24	25	40	26	30	33	28	28	18	33	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33
” 16	63° 5	15° 70	27	25	14	16	21	28	24	34	31	35	35	35	35	28	28	28	28	30	30	30	30	30	30	30	30	30	30	30	30	
” 23	60° 0	15° 56	26	24	21	20	19	35	28	34	29	29	34	32	32	37	17	25	30	27	29	26	38	25	25	25	25	25	25	25	25	25
” 30	61° 9	16° 61	25	23	26	19	31	30	31	30	35	29	28	26	29	29	24	28	24	28	24	28	23	23	23	23	23	23	23	23	23	
Sept. 7	56° 0	13° 33	24	20	24	27	23	27	33	32	31	28	32	31	28	29	29	34	22	30	30	30	30	30	30	30	30	30	30	30		
” 14	55° 0	12° 78	24	21	19	31	33	37	30	34	34	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
” 20	55° 0	12° 78	23	19	16	25	27	31	27	28	29	29	31	31	31	20	20	20	27	28	28	28	28	28	28	28	28	28	28	28		
” 27	54° 4	12° 44	21	18	19	17	20	28	28	24	26	24	26	21	17	20	24	28	21	20	26	25	24	24	24	24	24	24	24	24	24	
October 4	57° 2	14° 00	23	22	15	15	17	22	27	21	30	22	28	29	17	29	31	23</														

*Cancelled
see former leaf + skip*

TABLES.

TABLE 1.—Population; Persons to an Acre; Births and Deaths; Annual Birth and Death Rates; Mean Temperature and Rainfall, in the Year 1873, in London and Twenty other Large Towns of the United Kingdom.

CITIES AND BOROUGHS.	ESTI- MATED POPU- LATION in the middle of the Year 1873.*	PER- SONS to an Acre, mil. 1873.	BIRTHS in 53 Weeks ending 3rd Jan. 1874.	DEATHS in 53 Weeks ending 3rd Jan. 1874.	BIRTHS in 53 Weeks ending 3rd Jan. 1874.	ANNUAL RATE per 1000 living.					MEAN TEM- PERA- TUR- E in 53 Weeks ending 3rd Jan. 1874.	RAIN- FALL in inches 53 Weeks ending 3rd Jan. 1874.		
						DEATHS in 52 Weeks ending December								
						1869.	1870.	1871.	1872.	1873.				
In 21 TOWNS in the UNITED KINGDOM	7,507,575	36.1	282,569	186,094	37.1	26.2	25.8	26.9	24.3	24.4	44.1	6.51		
LONDON	3,356,073	44.5	121,100	76,634	35.5	24.6	24.0	24.6	21.4	22.5	44.6	5.63		
PORTSMOUTH	118,280	26.4	4,101	2,194	34.4	22.3	22.1	19.3	22.9	18.4	47.2	7.03		
NORWICH	81,677	10.9	2,723	1,787	32.9	21.2	27.7	25.9	26.3	21.5	44.1	3.51		
BRISTOL	180,648	42.6	7,061	4,445	36.7	23.1	28.4	23.2	22.0	23.1	..	..
WOLVERHAMPTON	70,084	20.6	2,821	1,788	39.6	26.1	23.5	28.0	25.9	25.1	44.4	5.64		
BIRMINGHAM	355,540	42.3	14,515	9,004	40.2	23.1	23.0	24.9	23.0	21.9	45.2	4.66		
LEICESTER	102,694	32.1	4,539	2,545	43.6	26.2	27.9	26.8	26.8	24.4	44.6	4.67		
NOTTINGHAM	89,557	44.9	3,271	2,107	36.0	24.2	24.9	26.0	25.3	23.2	42.9	4.05		
LIVERPOOL	505,274	97.0	19,106	13,301	37.2	30.4	32.9	35.1	27.1	25.9	44.8	6.68		
MANCHESTER	354,057	82.5	14,037	10,835	39.0	30.7	29.8	31.2	28.6	30.1	43.7	8.07		
SALFORD	130,468	25.2	5,691	3,884	42.9	26.4	25.8	30.4	25.8	29.3	44.8	8.61		
OLDHAM	85,141	18.2	3,538	2,235	40.9	25.7	27.0	21.9	31.1	25.8	..	10.93		
BRADFORD	156,609	24.1	6,362	3,921	40.0	25.6	27.5	25.5	26.3	24.7	45.6	5.71		
LEEDS	272,619	12.6	11,524	7,643	41.6	26.6	28.7	26.4	27.9	27.6	43.9	4.86		
SHEFFIELD	254,352	12.9	10,901	6,654	42.5	28.7	26.5	28.3	26.0	25.8	43.5	5.35		
HULL	128,125	35.2	5,153	3,101	39.7	27.4	23.8	28.2	26.1	23.9	43.9	4.74		
SUNDERLAND	102,450	31.0	4,632	2,371	44.5	22.9	20.9	36.5	26.5	22.8	..	..
NEWCASTLE-ON-TYNE	133,246	24.8	5,652	4,059	41.9	27.2	25.4	32.2	26.3	30.1	..	..
EDINBURGH	208,553	47.1	6,918	4,650	32.7	27.6	23.7	26.9	26.5	22.0	..	..
GLASGOW	498,462	98.5	19,798	14,711	39.1	34.0	29.6	32.9	28.4	29.1	42.8	13.31		
DUBLIN	314,666	31.3	9,031	8,216	28.3	24.7	24.9	26.2	28.5	25.7	44.8	6.00		

NOTE.—The deaths in Manchester and Bristol include paupers belonging to those cities who died in Workhouses situated outside the Municipal boundaries.

* The figures in this column, excepting those for Dublin, are the numbers enumerated at the Census in April 1871, raised to the middle of 1873 by the addition of $2\frac{1}{2}$ times the annual rate of increase which prevailed between 1861 and 1871. The population of Dublin is taken as stationary at the number enumerated in 1871.

Annual Rate of Mortality in Twenty-one large Towns.

TABLE 2.—MEAN TEMPERATURE at the Royal Observatory Greenwich, and ANNUAL RATE OF MORTALITY per 1000 Persons living in Twenty-one Large Towns of the United Kingdom, in each Week of 1873.

Number of Week.	Weeks Ending	Mean Temperature at Green- wich.	ANNUAL RATE OF MORTALITY PER 1000.																							
			Fahrenheit.		Centigrade.		TOWNS.																			
			LONDON.	PORTSMOUTH.	NORWICH.	BRISTOL.	WOLVERHAM- PTON.	BIRMINGHAM.	LEICESTER.	NOTTINGHAM.	LIVERPOOL.	MANCHESTER.	SALFORD.	OLDHAM.	BRADFORD.	LEEDS.	SHEFFIELD.	HULL.	SUNDERLAND.	NEWCASTLE-ON- TYSNE.	EDINBURGH.	GLASGOW.	DUBLIN.			
	YEAR. (of 52 Weeks ending 3d Jan. 1874.)	° 48°9	° 9°39	24	22	18	22	23	25	22	27	34	31	31	26	27	25	25	27	29	24	32	33			
March	Qr. (13 weeks)	39°6	4°22	26	23	18	26	25	26	25	25	27	34	31	31	26	27	25	25	27	29	24	32	33		
June	"	51°5	10°83	23	20	17	19	23	21	22	22	21	24	29	30	27	24	25	26	21	21	27	23	31	25	
Sept.	"	60°6	15°89	24	22	18	20	22	28	25	29	27	27	30	29	21	23	27	27	28	22	30	19	26	21	
Dec.	"	44°5	6°95	25	25	20	20	23	26	28	22	23	25	28	27	25	25	31	25	22	21	33	21	27	24	
1873.																										
1	Jan.	4	45°2	7°33	23	19	17	25	20	27	26	23	22	25	27	28	36	23	27	23	25	21	31	28	28	29
2	"	11	47°9	8°83	23	19	20	27	24	19	24	22	25	24	32	26	26	22	27	23	27	36	24	28	27	
3	"	18	46°1	7°83	21	18	16	25	20	24	20	23	18	22	30	21	29	18	27	20	22	30	31	18	25	31
4	"	25	37°4	3°00	22	19	12	24	22	22	20	28	12	26	28	22	25	21	24	26	19	30	24	20	26	26
5	Feb.	1	33°3	0°72	24	21	21	29	18	22	23	20	26	24	33	31	29	33	30	29	30	29	20	29	27	
6	"	8	32°9	0°50	23	24	23	34	29	25	25	29	28	37	31	32	25	25	29	24	34	26	35	43		
7	"	15	36°0	2°22	28	25	18	31	26	28	26	27	25	31	37	32	29	24	28	25	27	27	31	24	42	30
8	"	22	33°4	0°78	28	26	20	29	24	33	27	31	19	28	39	30	34	28	26	25	29	24	36	35	41	
9	March	1	36°0	2°22	30	28	18	33	29	36	30	20	21	31	37	47	34	28	30	31	27	30	33	26	37	27
10	"	8	48°3	6°28	28	25	18	20	31	28	23	22	27	31	36	37	31	26	28	25	31	35	32	50		
11	"	15	38°6	3°66	26	23	21	18	26	24	24	28	25	31	34	32	34	29	23	23	21	27	25	37	32	
12	"	22	39°1	3°95	27	24	18	24	25	22	24	29	22	30	41	34	36	29	29	26	27	27	21	33	34	
13	"	29	45°3	7°39	26	24	15	22	26	28	26	24	30	26	33	34	25	32	25	25	27	26	28	33	34	
14	April	5	48°6	9°22	25	22	18	19	25	22	27	23	29	26	34	40	31	24	28	25	22	14	26	22	30	27
15	"	12	41°7	5°39	25	22	21	19	24	22	20	29	17	27	33	36	28	30	29	27	25	27	30	25	30	
16	"	19	52°1	11°17	27	25	21	24	28	22	26	26	29	27	31	38	35	26	28	22	28	33	23	32	31	
17	"	26	42°5	5°84	22	19	18	24	20	25	23	21	19	27	26	34	31	27	23	30	20	26	18	28	25	
18	May	3	48°5	9°16	24	21	20	26	26	21	24	21	21	25	32	34	31	27	29	22	25	30	23	32	31	
19	"	10	48°4	9°11	23	21	19	19	20	22	25	18	23	28	31	32	26	24	26	28	19	29	23	32	25	
20	"	17	50°1	10°66	22	20	19	15	21	23	21	21	18	21	27	30	26	25	22	25	23	18	28	20	32	22
21	"	24	49°6	9°78	22	19	18	24	26	22	24	21	21	29	26	20	21	29	26	22	21	30	23	29	22	
22	"	31	53°4	11°89	22	18	19	23	14	20	18	23	23	28	30	18	23	23	20	18	20	25	24	30		
23	June	7	55°4	13°00	22	19	11	17	23	19	20	26	19	24	29	32	27	19	23	26	16	25	24	31	25	
24	"	14	56°8	13°78	21	17	15	17	21	30	21	21	23	20	27	33	20	26	29	24	18	24	23	32	19	
25	"	21	60°4	15°78	21	19	15	20	19	26	19	16	19	22	25	34	26	21	25	21	19	20	25	23	30	
26	"	28	62°0	16°67	20	18	13	22	24	19	17	19	23	23	23	25	23	20	24	20	23	25	23	27	25	
27	July	5	61°6	16°44	21	19	13	22	21	27	22	21	20	21	23	27	23	21	22	21	16	31	24	28	22	
28	"	12	62°6	17°00	20	18	14	19	20	18	16	18	17	23	26	23	21	18	21	25	14	22	21	25	26	
29	"	19	59°4	15°22	22	21	15	21	25	22	20	18	20	25	26	27	16	22	23	22	16	24	18	25	17	
30	"	26	68°8	20°44	25	25	21	21	21	28	22	24	30	28	32	30	23	26	23	22	20	26	19	35	20	
31	August	2	63°7	17°61	25	23	18	13	16	24	23	26	27	30	33	29	20	24	29	30	32	17	29	16	31	18
32	"	9	68°0	18°89	27	27	14	12	21	24	23	24	30	35	35	36	35	25	28	18	33	34	33	27	27	
33	"	16	63°5	17°50	27	25	14	16	21	28	28	44	31	35	36	35	25	28	30	31	30	23	35	18	26	
34	"	23	60°0	15°56	26	24	21	20	19	35	28	34	29	34	32	37	17	25	30	27	29	26	38	25	21	
35	"	30	61°9	16°61	25	25	26	19	24	31	30	35	28	28	26	29	24	22	24	31	32	23	21	27	23	
36	Sept.	6	56°0	13°33	24	20	24	27	23	27	33	32	31	28	29	34	24	21	24	30	29	20	40	21	25	
37	"	13	55°0	12°78	24	21	19	31	23	37	30	34	24	31	28	22	29	31	31	20	27	28	28	29	18	
38	"	20	55°0	12°78	23	19	16	25	27	31	27	28	29	23	31	31	20	27	28	28	29	18	23	22		
39	"	27	54°4	12°44	21	18	19	17	20	28	20	24	26	24	28	21	17	20	26	25	24	27	19	21	25	
40	October	4	57°2	14°00	23	22	15	15	17	22	27	21	30	22	28	29	17	29	31	23	29	23	31	19	23	21
41	"	11	52°0	11°11	21	19	14	17	22	25	18	19	22	24	22	27	15	25	28	23	24	23	33	16	23	17
42	"	18	48°4	9°11	22	20	17	20	21	25	28	23	30	22	28	25	18	21	24	24	24	19	16	37	21	25
43	"	25	44°8	7°11	24	22	19	17	27	24	29	21	22	24	25	24	21	24	31	32	22	23	21	27	21	
44	Nov.	1	38°9	3°83	26	26	17	23	21	26	26	21	24	23	31	30	33	35	25	22	25	31	20	28	22	
45	"	8	44°9	7°17	27	28	17	31	27	35	28	24	23	23	27	25	30	25	25	31	29	21	21	33	26	
46	"	15	40°8	4°88	26	25	15	22	23	24	26	16	25	26	30	26	25	28	24	20	22	36	16	27		
47	"	22	43°3	6°28	26	26	24	15	20	20	26	18	21	27	31	26	31	24	30	26	24	18	35	22	30	
48	"	29	48°0	8°89	25	25	20	24	28	26	25	25	22	28	26	25	23	25	32	25	18	19	31	27	25	
49	"	6	43°3	6°28	25	23	21	19	21	19	26	22	20	23	29	26	19	28	27	22	25	33	30	28		
50	"	13	33°6	9°90	26	27	26	15	20	29	26	17	22	24	36	33	26	24	32	22	16	32	23	27		
51	"	20	45°4	7°44	32	33	32	25	24	25	31	17	20	30	30	28	26	32	28	26	25	31	21	22		
52	"	27	42°9	6°00	25	24	16	24	25	30	17	30	25	28	25	29	21	32	27	17	22	22	37	20	28	
53	(1874) Jan. 3	39°0	3°89	28	29	29	26	23	24	34	22	19	27	30	30	36	28	34	2							

TABLE 3.—Deaths in 18 of the largest English Towns in the 53 Weeks ending 3rd Jan. 1874.

(Estimated aggregate population in 1873, 6,485,894; viz., 3,356,073 in London, and 3,129,821 in the remaining 17 Towns.)

BOROUGHS, &c. (Municipal Boundaries for all except LONDON.)	DEATHS from ALL CAUSES.	The DEATHS registered in the 53 Weeks included												Inquest Cases.	In Public Institutions.		
		Deaths of		Deaths from													
		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.						
In 18 TOWNS	158,508	42,702	32,239	503	3893	3874	608	4020	3830	9255	5845	10479	22,021				
LONDON	76634	19256	16793	115	2195	652	306	2689	1549	3879	2843	5594	12973				
PORTSMOUTH	2194	568	492	48	16	11	15	17	100	109	66	132	262				
NORWICH	1787	435	612	1	8	5	2	20	61	80	50	110	191				
BRISTOL	4445	1106	1096	9	109	39	20	92	106	141	123	215	633				
WOLVERHAMPTON	1788	493	342	2	3	124	7	29	83	95	57	80	235				
BIRMINGHAM	9004	2616	1505	122	123	586	100	177	205	732	459	823	1041				
LEICESTER	2545	968	469	2	60	6	14	62	63	312	82	128	210				
NOTTINGHAM	2107	563	515	—	33	11	—	25	70	130	65	125	242				
LIVERPOOL	13301	4061	2946	10	348	215	50	166	314	911	732	888	1943				
MANCHESTER	10835	2779	1729	20	354	545	11	157	288	753	327	839	1460				
SALFORD	3884	1055	629	4	236	127	8	49	88	278	139	270	348				
OLDHAM	2235	597	424	1	8	120	1	20	41	105	58	107	163				
BRADFORD	3921	1308	633	21	11	47	3	112	128	197	86	129	293				
LEEDS	7643	2218	1216	112	48	628	22	109	210	500	205	283	605				
SHEFFIELD	6654	1978	1072	5	192	228	15	159	238	426	183	289	535				
HULL	3101	896	662	26	40	36	7	48	122	227	107	123	273				
SUNDERLAND	2371	755	471	1	33	28	16	58	53	153	97	105	215				
NEWCASTLE-ON-TYNE	4059	1050	633	4	76	466	11	36	111	227	166	239	360				

TABLE 4.—Analysis of the Mortality in 18 of the largest English Towns in 53 Weeks ending 3rd January 1874.

BOROUGHS, &c.	ANNUAL RATE OF MORTALITY per 1000 living from		PER-CENTAGE OF DEATHS under 1 Year to Births Registered.	PER-CENTAGE, TO TOTAL DEATHS, OF DEATHS						Registered upon Information of the Coroner, (Inquests.)	Registered in large Public Institutions.
	ALL CAUSES.	SEVEN ZYMIC DISEASES.		Of Infants under 1 Year of Age.	Of Persons aged 60 Years and upwards.	From Seven Zymotic Diseases.	From Violence.	Registered upon Information of the Coroner, (Inquests.)	Registered in large Public Institutions.		
In 18 TOWNS	24·1	3·9	17·3	26·9	20·3	16·4	3·7	6·6	13·9		
LONDON	22·5	3·3	15·9	25·1	21·9	14·9	3·7	7·3	16·9		
PORTSMOUTH	18·4	2·6	13·9	25·9	22·4	14·4	3·0	6·0	11·9		
NORWICH	21·5	2·1	15·9	24·3	34·2	9·9	2·8	6·2	10·7		
BRISTOL	23·1	2·7	15·7	24·9	21·7	11·6	2·8	4·8	14·2		
WOLVERHAMPTON	25·1	4·8	17·5	27·6	19·1	19·2	3·2	4·5	13·1		
BIRMINGHAM	24·9	5·7	18·0	29·1	16·7	22·7	5·1	9·1	11·6		
LEICESTER	24·4	5·0	21·3	38·0	18·4	20·4	3·2	5·0	9·8		
NOTTINGHAM	23·2	3·0	17·2	26·7	24·4	12·8	3·1	5·9	11·5		
LIVERPOOL	25·9	3·9	21·3	30·5	22·1	15·1	5·5	6·7	14·6		
MANCHESTER	30·1	5·9	19·8	25·6	16·0	19·6	3·0	7·7	13·5		
SALFORD	29·3	6·0	18·5	27·2	16·2	20·3	3·6	7·0	9·0		
OLDHAM	25·8	3·4	16·9	26·7	19·0	13·2	2·6	4·8	7·3		
BRADFORD	24·7	3·3	20·6	33·4	16·1	13·2	2·2	3·3	7·5		
LEEDS	27·6	5·9	19·2	29·0	15·9	21·3	2·7	3·7	7·9		
SHEFFIELD	25·8	4·9	18·0	29·7	16·1	19·0	2·8	4·3	8·0		
HULL	23·9	3·9	17·4	28·9	21·3	16·2	3·5	4·0	8·8		
SUNDERLAND	22·8	3·3	16·3	31·8	19·9	14·4	4·1	4·4	9·1		
NEWCASTLE-ON-TYNE	30·1	6·9	18·6	25·0	15·6	22·9	4·1	5·9	8·9		

TABLE 5.—Population; Births and Deaths; and Rates of Mortality during the Year 1873 in Fifty other large Town Districts.

District Number.	TOWNS.	ESTIMATED POPULATION in the middle of the year 1873.*	REGISTERED during the year 1873.		ANNUAL RATE to 1,000 living during the Year 1873.			DISTRICTS and SUB-DISTRICTS, taken as approximately representing the several Towns.
					Births.	Deaths.	Births.	
			Births.	Deaths.	Births.	Deaths.	Deaths from 7 Zymotic Diseases.	
	TOTAL of 50 TOWNS	2,626,363	96,317	59,803	36·7	22·8	3·5	{ Total of the under-mentioned Districts and Sub-districts.
	II.—SOUTH EASTERN COS.							
45	Rochester and Chatham	P	60,941	1,812	1,178	29·7	19·3	1·4
49	Maidstone	- M† -	26,970	849	483	31·5	17·9	1·9
63	Dover	- M -	36,134	1,088	560	30·1	15·5	1·1
67	Hastings	- M† -	33,483	878	627	26·2	18·7	1·6
76	Brighton	- M -	93,041	2,780	1,743	29·9	18·7	1·7
88	Gosport	- Town -	22,642	782	476	34·5	21·0	2·7
96	Southampton	- M -	49,165	1,543	999	31·4	20·3	2·2
118	Reading	- M† -	35,296	1,363	667	38·6	18·9	1·8
	III.—SOUTH MIDLAND COS.							
149	Oxford	- M -	40,387	1,293	878	32·0	21·7	2·6
159	Northampton	- M† -	49,873	1,956	1,009	39·2	20·2	3·2
178	Cambridge	- M -	30,984	999	582	32·2	18·8	2·0
	IV.—EASTERN COUNTIES.							
195	Colchester	- M -	26,950	860	505	31·9	18·7	2·5
213	Ipswich	- M -	44,041	1,524	953	34·6	21·6	2·2
219	Yarmouth	- M† -	45,494	1,449	1,026	31·9	22·6	3·8
	V.—SOUTH WESTERN COS.							
272	Exeter	- M -	34,860	1,051	891	30·1	25·6	3·4
277	Plymouth	- M -	70,319	2,092	1,346	29·8	19·1	2·1
278	East Stonehouse	- M† -	14,640	590	295	40·3	20·2	2·7
279	Devonport	- M -	49,229	1,552	914	31·5	18·6	2·6
317	Bath	- M† -	54,520	1,413	1,253	25·9	23·0	2·4
	VI.—WEST MIDLAND COS.							
335	Cheltenham	- P† -	42,442	1,082	719	25·5	16·9	2·0
352	Shrewsbury	- M† -	27,594	801	528	29·0	19·1	1·6
364	Stoke-upon-Trent	- P -	151,310	6,657	3,527	44·0	23·3	3·1
373	Walsall	- M† -	51,180	2,254	1,140	44·0	22·3	4·7
375	Dudley	- M† -	43,529	2,160	1,149	49·6	26·4	6·0
380	Worcester	- M -	32,751	987	672	30·1	20·5	2·0
393	Coventry	- M -	39,776	1,533	932	38·5	23·4	3·7
	VII.—NORTH MIDLAND COS.							
421	Lincoln	- M† -	32,448	1,249	761	38·5	23·5	3·9
433	Derby	- M -	65,198	2,522	1,380	38·7	21·2	2·1
	VIII.—NORTH WESTERN COS.							
445	Stockport	- M† -	53,885	2,181	1,520	37·0	25·8	3·6
446	Macclesfield	- M† -	33,484	1,119	885	33·4	26·4	1·8
452	Chester	- M† -	47,278	1,418	936	30·0	19·8	1·7
454	Birkenhead	- P -	68,117	2,668	1,400	39·2	20·6	3·1
459	Wigan	- M† -	39,444	1,857	1,113	47·1	28·2	6·4
462	Bolton	- M† -	83,290	3,215	2,121	38·6	25·5	5·0
463	Bury	- P† -	45,794	1,726	1,176	37·7	25·7	4·4
468	Ashton-under-Lyne	- M† -	30,909	1,194	887	38·6	28·7	3·1
470	Rochdale	- M† -	49,770	1,775	1,108	35·7	22·3	2·3
474	Blackburn	- M† -	79,674	3,227	2,400	40·5	30·1	8·0
476	Preston	- M† -	85,986	3,558	3,019	41·4	35·1	8·4
	IX.—YORKSHIRE.							
494	Huddersfield	- M† -	77,071	2,850	1,678	37·0	21·8	3·1
495	Halifax	- M† -	82,718	2,851	1,689	34·5	20·4	1·9
515	York	- M† -	57,269	1,846	1,157	32·2	20·2	2·4
	X.—NORTHERN COUNTIES.							
551	South Shields	- M -	84,129	3,772	1,991	44·8	23·7	5·2
552	Gateshead	- M -	52,056	2,391	1,490	45·9	28·6	8·0
554	Tynemouth	- M -	41,921	1,607	985	38·3	23·5	4·3
569	Carlisle	- M† -	34,343	1,138	842	33·1	24·5	3·9
	XI.—MONMOUTHSH. & WALES.							
582	Newport (Monmouth)	M† -	31,168	1,104	654	35·4	21·0	3·2
583	Cardiff	- M† -	69,898	2,535	1,363	36·3	19·5	2·6
585	Merthyr Tydfil	- P -	96,899	4,093	2,522	42·2	26·0	4·5
588	Swansea	- M -	71,032	3,073	1,674	43·3	23·6	4·0

NOTE.—The letter M or P affixed to the name of each Town denotes whether the limits, which the District or Sub-districts in the last column approximately represent, are Municipal or Parliamentary.

* The figures in this column are the numbers enumerated at the Census in April 1871, raised to the middle of 1873 by the addition of 2·1 times the annual rate of increase which prevailed between 1861 and 1871. A decrease of population between 1861 and 1871 was shown in Gosport, Devonport, Dudley, Coventry, Macclesfield, and Ashton-under-Lyne; in these instances the enumerated population has been proportionally depressed on the same principle.

The rates of mortality for these towns have been corrected by the exclusion of a proportional number of deaths occurring in County Hospitals and Lunatic Asylums, situate within the Districts or Sub-districts here taken as representing the town, or by the exclusion or addition of a proportion of the deaths in Union Workhouses in cases where a portion of the Union only is embraced by the area taken, or where the Workhouse is situated outside that area.

TABLE 6.—OCCUPATIONS of the MALE POPULATION of LONDON, as returned at the CENSUS in 1871.

OCCUPATIONS OF MALES.	TOTAL AT ALL AGES.	OCCUPATIONS OF MALES.	TOTAL AT ALL AGES.
Total Males	1,523,151		
CLASSES.			
I.—PROFESSIONAL CLASS	107,130	II.—DOMESTIC CLASS (continued).	
II.—DOMESTIC CLASS	52,611	Domestic Servant (General)	17771
III.—COMMERCIAL CLASS	211,118	Coachman	3350
IV.—AGRICULTURAL CLASS	26,834	Groom	1598
V.—INDUSTRIAL CLASS	504,772	Gardener	1309
VI.—INDEFINITE AND NON-PRODUCTIVE CLASS	620,686	Inn, Hotel, Servant	12666
		Cook (not Domestic Servant)	1401
		Others	715
I.—PROFESSIONAL CLASS.		III.—COMMERCIAL CLASS.	
Civil Service	9674	Merchant	5800
Government Messengers, Workmen, &c.	7805	Banker	358
Other Government Officers	327	Bank Service	3901
Magistrate (so returned)	471	Insurance, Benefit Society, Service	1708
Officer of Law Court	542	Broker, Agent, Factor	6215
Police	8511	Salesman (not otherwise described)	810
Prison Officer	602	Auctioneer, Valuer, House Agent	1525
Municipal, Parish, Union Officer	1886	Accountant	2576
Other Local Government Officers	48	Commercial Clerk	33620
East India and Colonial Service	475	Commercial Traveller	6177
Army Officer (effective)	1710	Other Mercantile Men	379
Army Retired and Half-pay Officer	1171	Pawnbroker	2062
Soldier	11179	Shopkeeper (branch undefined), General Dealer	6332
Militia, Volunteers	501	Huckster, Costermonger	1862
Army Pensioner	1715	Hawker, Pedlar	4875
Others	21	Railway Engine Driver, Stoker	1273
Navy Officer (effective)	420	Railway Officer, Clerk, Station-master	4103
Navy Retired and Half-pay Officer	374	Railway Attendant, Servant	8860
Seaman, R.N.	425	Toll Collector, Turnpike-gate Keeper	87
Royal Marine	100	Coach, Omnibus, Cab Owner, and Livery Stable Keeper	2179
Coastguard, Royal Naval Reserve	56	Coachman (not domestic), Cabman, Flyman	16912
Navy Pensioner	700	Carman, Carrier, Carter, Drayman	20487
Others	2	Others	213
Clergyman	1667	Inland Navigation Service	127
Protestant Minister	742	Bargeeman, Waterman	6408
Roman Catholic Priest	286	Others	29
Missionary, Scripture Reader	610	Shipowner	194
Church, Chapel Officer	449	Steam Navigation Service	1225
Others	409	Ship Steward, Cook	659
Barrister	1872	Seaman (Merchant Service)	11179
Solicitor, Attorney	3364	Pilot	152
Law Student	672	Boatman on Seas	7
Law Clerk	7367	Harbour, Dock Service, Labourer	10231
Law Stationer	600	Wharfinger	468
Physician, Surgeon	3436	Others	148
Medical-Assistant, Student	1664	Warehouseman	11844
Dentist	874	Meter, Weigher	260
Chemist, Druggist	3760	Messenger, Porter, Errand Boy	35403
Others	117	Telegraph Company Service	320
Author, Editor, Journalist	1141	Others engaged in Messages	150
Students and Others	11272		
Painter, Artist	2436	IV.—AGRICULTURAL CLASS.	
Sculptor	370	Land Proprietor (so returned)	1062
Engraver	2067	Farmer, Grazier	715
Photographer	1034	Farmer's Son, Brother, Grandson, Nephw.	74
Others engaged in the Fine Arts	149	Farm Bailiff	67
Musician, Music Master	3516	Agricultural Labourer	1947
Others	164	Shepherd (outdoor)	36
Actor	723	Farm Servant (indoor)	21
Exhibitions, Shows—Service	95	Land Surveyor, Estate Agent	469
Others engaged in Theatres, &c.	829	Land Drainage Service	3
Schoolmaster	1951	Agric. Machine, Proprietor, Attendant	4
Teacher, Professor, Lecturer	2469	Others engaged in Agriculture	85
Others	25	Woodman	5
Civil Engineer	1868	Nurseryman, Seedsman, Florist	920
Other Scientific Persons	317	Gardener	8636
		Others engaged in Horticulture	7
II.—DOMESTIC CLASS.		Horse Proprietor, Dealer	186
Inn Keeper, Hotel Keeper, Publican	7076	Horse Breaker	33
Beerseller	2118	Horsekeeper, Groom, Jockey	8234
Lodging-house, Boarding-house Keeper	886	Farrier, Veterinary Surgeon	2539
Coffee-house, Eating-house Keeper	2112	Cattle, Sheep, Pig Salesman	335
Institution Service	1280	Drover	586
Others	329	Gamekeeper	43
		Vermian Destroyer	24
		Fisherman	283
		Others engaged about Animals	529

TABLE 6 (continued).—OCCUPATIONS of the MALE POPULATION of LONDON, as returned at the CENSUS in 1871.

OCCUPATIONS OF MALES.	TOTAL AT ALL AGES.	OCCUPATIONS OF MALES.	TOTAL AT ALL AGES.
V.—INDUSTRIAL CLASS.		V.—INDUSTRIAL CLASS (continued).	
Bookseller, Publisher	3092	Flax, Linen Manufacture	103
Bookbinder	4608	Lace Manufacture	545
Printer	19822	Thread Manufacture	2
Newspaper Agent, News-room Keeper	1512	Tape Manufacture, Dealer	4
Others engaged in Publications	274	Cotton Manufacture	221
Musical Instrument Maker, Dealer	5118	Cotton, Calico Warehouseman, Dealer	41
Others	441	Fustian Manufacture	1
Lithographer, Lithographic Printer	1756	Muslin Manufacture	33
Others	1324	Calico, Cotton Printer	126
Wood-carver	1392	Calico, Cotton Dyer	2
Others	1091	Others	45
Toy Maker, Dealer	677	Weaver (not otherwise described)	555
Others	603	Bleacher (not otherwise described)	64
Pattern Designer	423	Manchester Warehouseman	283
Type-founder	627	Draper, Linen Draper, Mercer	11341
Others	967	Fancy Goods Manufacturer, Dealer	1125
Watch Maker, Clock Maker	4789	Trimming Maker, Dealer	741
Philosoph, Instrument Maker; Optician	1647	Others	82
Weighing Machine, Scale, Measure Mkr.	497	Hairdresser, Wig Maker	2944
Others	372	Hatter, Hat Manufacture	3388
Surgical Instrument Maker	590	Straw Plait Manufacture	181
Gunsmith, Gun Manufacture	1256	Furrier, Skinner	1744
Others	143	Tailor	23516
Engine and Machine Maker	14883	Milliner	979
Spinning, Weaving, Machine Maker	14	Stay Maker, Ladies' Outfitter	264
Agricultural Implement Machine Maker	52	Hosiery Manufacture	37
Millwright	456	Hosiery, Haberdasher	1642
Tool Maker, Dealer	433	Glover (leather)	167
File Maker, Dealer	112	Glove Maker (all except leather)	106
Saw Maker, Dealer	206	Shoemaker, Bootmaker	30914
Cutter	627	Patten, Clog Maker	81
Scissors Maker	4	Button Maker	98
Needle Manufacture	13	Umbrella, Parasol, Stick Maker	1379
Pin Manufacture	16	Laundry Keeper	987
Others engaged in Tool Making, &c.	546	Others providing Dress	1737
Coachmaker	5667	Mat Maker, Seller	347
Wheelwright	2806	Hemp Manufacture	127
Others engaged about Carriages	219	Jute Manufacture	10
Saddler, Harness, Whip Maker	3748	Rope, Cord Maker	1486
Ship-builder, Shipwright, Boat-builder	5331	Canvas, Sailcloth Manufacture, Dealer	32
Sail Maker	703	Sacking, Sack, Bag Maker, Dealer	226
Others	101	Others	142
House Proprietor	1416	Cowkeeper, Milk-seller	5113
Architect	1928	Cheesemonger	2982
Surveyor	971	Butcher, Meat Salesman	11360
Builder	5657	Provision Curer, Dealer	1464
Carpenter, Joiner	31699	Poulterer, Game Dealer	691
Bricklayer	17983	Fishmonger	4460
Marble Mason	853	Others	2
Mason, Pavior	8029	Corn, Flour, Seed Merchant, Dealer	2523
Slater, Tiler	663	Miller	941
Plasterer	6167	Baker	11919
Paperhanger	1497	Confectioner, Pastry Cook	2566
Plumber, Painter, Glazier	27719	Greengrocer, Fruit, Vegetable Dealer	6487
Others	1017	Others	57
Cabinet Maker, Upholsterer	16754	Maltster	164
Undertaker	1011	Brewer	3868
Carver and Gilder	3955	Wine and Spirit Merchant	3887
Furniture Broker, Dealer	1277	Cellarman	1661
Others	217	Ginger Beer, Soda Water, &c. Manuf.	599
Manufacturing Chemist, Labourer	1225	Sugar Refiner	1221
Dye, Colour Manufacture	465	Grocer, Tea Dealer	11188
Dyer, Scourer, Calenderer	1581	Tobacco, Cigar, Snuff Mnf., Tobacconist	5412
Others	782	Others	1851
Woolstapler	288	Soap Boiler	549
Felt Manufacture	64	Tallow Chandler	1190
Woolen Cloth Manufacture	750	Comb-maker	226
Wool, Woolen Dyer	12	Others	1169
Worsted Manufacture	79	Fellmonger	287
Cloth Merchant, Dealer	62	Tanner	1382
Stuff Manufacture	23	Currier	3708
Flannel Manufacture	20	Leather Case, Portmanteau, Bag Maker	1472
Blanket Manufacture	4	Others	495
Carpet, Rug Manufacture	1003	Hair, Bristle Manufacture	394
Others	11	Brush, Broom Maker	2661
Silk, Satin Manufacture	2506	Oil-mill, Refiner	338
Silk Dyer, Printer	228	Oil and Colourman	2640
Silk Merchant, Dealer	827	French-polisher	3482
Ribbon Manufacture	45	Japanner	428
Other	31	India Rubber, Gutta Percha Manf., Dlr.	410
		Floor Cloth Manufacture	453
		Others	321

TABLE 6 (continued).—Occupations of the Male Population of London, as returned at the Census in 1871.

OCCUPATIONS OF MALES.	TOTAL AT ALL AGES.	OCCUPATIONS OF MALES.	TOTAL AT ALL AGES.
V.—INDUSTRIAL CLASS (continued).			
Timber, Wood Merchant, Dealer	3378	Glass Manufacture	2711
Sawyer	3305	Other Workers in Glass	85
Lath, Fence, Hurdle Maker	410	Salt Manufacture	31
Wood Turner, Worker	1592	Other Dealers in Salt	3
Box and Packing Case Maker	2479	Waterworks Service	578
Cooper, Hoop-maker and Bender	4996	Others	132
Others	8	Goldsmith, Silversmith, Jeweller	6567
Cork Cutter, Manufacturer	785	Plater, Plated Ware Manufacture	202
Other Workers in Cork	3	Others	1079
Basketmaker	985	Copper Manufacture	50
Hay and Straw Dealer	243	Coppersmith	730
Thatcher	10	Others	1
Others	335	Tin Manufacture	13
Rag Gatherer, Dealer	505	Tinplate Worker, Tinman	2941
Paper Manufacture	1072	Tinker	82
Stationer (not Law)	4267	Others	92
Paper Stainer	695	Zinc Manufacture	751
Other Workers in Paper	1203	Lead Manufacture	215
Coal Miner	61	Others	250
Copper Miner	1	Brass Manufacture, Brazier	3939
Tin Miner	1	Locksmith, Bellhanger	717
Lead Miner	2	Gas Fitter	3293
Iron Miner	2	Wire Worker, Drawer	1088
Miner (branch undefined)	59	Others	958
Coal Mine Service	83	Iron Manufacture	5176
Mine Service (Metal not stated)	134	Whitesmith	1272
Others	7	Blacksmith	9280
Coal Merchant, Dealer	1636	Nail Manufacture	64
Coal-heaver, Labourer	2827	Anchor smith, Chainsmith	34
Coke Burner, Dealer	164	Ironmonger, Hardware, Dealer	2438
Chimney Sweeper	1335	Steel Manufacture	53
Gas Works Service	3517	Others	285
Other Workers in Coal	108	VI. INDEFINITE AND NON-PRODUCTIVE CLASS.	
Stone Quarrier	12	General Labourer, Labourer	65326
Stone Merchant, Cutter, Dresser	819	Artizan, Mechanic	1201
Slate Quarrier	6	Engine Driver, Stoker	3642
Limestone Quarrier, Lime Burner	144	Factory Labourer	821
Clay Labourer	2	Shopman, Assistant	2662
Brick Maker, Dealer	1046	Apprentice	593
Railway Labourer, Platelayer, Navvy	2639	Vagrant, Gipsy	80
Road Contractor, Inspector, Surveyor	43	Others of undefined Occupation	34654
Road Labourer	436	Gentleman, Independent, Annuitant	5840
Scavenger, Dust Collector	629	Scholars	205541
Others	463	Children of no stated Occupation	300926
Earthenware Manufacture	894		
Tobacco-pipe Maker	508		
Earthenware and Glass Dealer	904		
Others	25		

TABLE 7.—Occupations of the Female Population of London, as returned at the Census in 1871.

OCCUPATIONS OF FEMALES.	TOTAL AT ALL AGES.	OCCUPATIONS OF FEMALES.	TOTAL AT ALL AGES.
Total Females	1,731,109		
CLASSES.			
I.—PROFESSIONAL CLASS	39,372	I.—PROFESSIONAL CLASS.	
II.—DOMESTIC CLASS	892,130	Civil Service	828
III.—COMMERCIAL CLASS	9,853	Others	210
IV.—AGRICULTURAL CLASS	1,863	Prison Officer	144
V.—INDUSTRIAL CLASS	220,923	Municipal, Parish, Union Officer	406
VI.—INDEFINITE AND NON-PRODUCTIVE CLASS	566,968	Others	3
		Missionary, Scripture Reader	494
		Church, Chapel Officer	604
		Others	701
		Connected with Law	41
		Chemist, Druggist	99
		Midwife	265
		Others	184

TABLE 7 (continued).—OCCUPATIONS of the FEMALE POPULATION of LONDON, as returned at the CENSUS in 1871.

OCCUPATIONS OF FEMALES.	TOTAL AT ALL AGES.	OCCUPATIONS OF FEMALES.	TOTAL AT ALL AGES.
I.—PROFESSIONAL CLASS (continued).		IV.—AGRICULTURAL CLASS (continued).	
Author, Editor, Writer	144	Farmer's Daughter, Grand-daughter	
Students and Others	14628	Sister, Niece	257
Painter, Artist	598	Agricultural Labourer	187
Photographer	205	Farm Servant (in-door)	20
Others engaged in the Fine Arts	49	Engaged in Arboriculture	3
Musician, Music Mistress	2708	Nurserywoman, Florist	191
Others	4	Gardener (not Domestic Servant)	365
Actress	782	Others engaged in Horticulture	3
Exhibitions, Shows—Service	64	Fisherman	6
Others engaged in Theatres, &c.	132	Animal, Bird Dealer, Keeper	21
School Mistress	4879	Others engaged about Animals	97
Teacher, Governess	11191		
Other Teachers	41		
Scientific Persons	18		
II.—DOMESTIC CLASS.		V.—INDUSTRIAL CLASS.	
Wives and others engaged in Household Duties	597802	Bookseller, Publisher	244
Wife of Inn Keeper, Publican, Beerseller	6616	Bookbinder	5272
Wife of Lodging-ho., Boarding-ho. Keeper	689	Printer	231
Wife of Shopkeeper (branch undefined)	3929	Newspaper Agent; News-room Keeper	221
Wife of Fariner, Grazier	437	Book Agent, Librarian	19
Wife of Shoemaker	15677	Others engaged in Publications	9
Wife of Butcher	4880	Musical Instrument Maker, Dealer	148
Inn Keeper, Hotel Keeper, Publican	1317	Others	53
Beerseller	289	Map Publisher, Seller	15
Lodging-house, Boarding-house Keeper	3818	Print and Map Colourer, Mounter	130
Coffee-house, Eating-house Keeper	964	Others	63
Institution Service	2460	Artificial Flower Maker	4360
Others	71	Others	29
Domestic Servant (General)	139858	Toy Maker, Dealer	496
Housekeeper	14671	Fishing Tackle Maker	30
Cook	23553	Others	29
Housemaid	27273	Pattern Designer	88
Nurse	16235	Others	51
Laundrymaid	503	Watch Maker, Clock Maker	117
Inn Servant	4270	Philosoph. Instrument Maker; Optician	35
Nurse (not Domestic Servant)	8644	Others	7
Charwoman	17241	Surgical Instrument Maker	169
Others	903	Gunsmith, Gun Manufacture	28
III.—COMMERCIAL CLASS.		Percussion Cap Maker	232
Capitalist, Shareholder	579	Cartridge, Ammunition Maker	855
Saleswoman (not otherwise described)	492	Others	6
Commercial Clerk	557	Engine and Machine Maker	30
Others	83	Spinning, Weaving, Machine Maker	2
Pawnbroker	38	Tool Maker, Dealer	32
Shopkeeper (branch undefined), General Dealer	3062	File Maker, Dealer	4
Huckster, Costermonger	751	Cutter	39
Hawker, Pedlar	3195	Needle Manufacture	47
Railway Attendant, Servant	37	Pin Manufacture	20
Toll Collector, Turnpike-gate Keeper	3	Steel Pen Manufacture	9
Coach, Cab Owner, Livery Stable Keeper	71	Thimble Maker	1
Carrier, Carter	60	Others	36
Others	1	Coachmaker	126
Boat, Barge—Woman	9	Others	22
Others	3	Saddler, Harness, Whip Maker	156
Ship Owner	6	Sail Maker	30
Ship Stewardess, Cook	37	Others	6
Others	3	House Proprietor	2810
Warehousewoman	514	Builder	45
Messenger, Porter, Errand Girl	263	Carpenter, Joiner	43
Telegraph Company Service	88	Plumber, Painter, Glazier	98
Others	1	Blind Maker	86
Land Proprietor (so returned)	723	Others	85
Farmer, Grazier	40	Cabinet Maker, Upholsterer	2852
		Undertaker	23
		Carver and Gilder	127
		Furniture Broker, Dealer	140
		Others	31
IV.—AGRICULTURAL CLASS.		Manufacturing Chemist	109
		Dye, Colour Manufacture	46
		Dyer, Scourer, Calenderer	548
		Backing Maker, Dealer	7
		Match, Fuzee Maker, Seller	227
		Others	49

TABLE 7 (continued).—OCCUPATIONS of the FEMALE POPULATION of LONDON, as returned at the CENSUS in 1871.

OCCUPATIONS OF FEMALES.	TOTAL AT ALL AGES.	OCCUPATIONS OF FEMALES.	TOTAL AT ALL AGES.
V.—INDUSTRIAL CLASS (continued).		V.—INDUSTRIAL CLASS (continued).	
Woollen Cloth Manufacture	132	Hair, Bristle Manufacturer	313
Worsted Manufacture	42	Brush, Broom Maker	1580
Flannel Manufacture	2	Others	8
Carpet, Rug Manufacture	119	Oil and Colourman	195
Others	44	French-polisher	392
Silk, Satin Manufacture	2949	Japanner	90
Ribbon Manufacture	20	India Rubber, Gutta Percha Manfr., Dlr.	98
Silk Velvet Manufacture	23	Others	135
Flax, Linen Manufacture	24	Timber, Wood Merchant, Dealer	432
Lace Manufacture	929	Box, Packing-case Maker	3718
Thread Manufacture	2	Others	77
Tape Manufacture, Dealer	5	Cork Cutter, Manufacturer	49
Cotton Manufacture	220	Basket Maker	169
Fustian Manufacture	1	Others	94
Calico, Cotton Printer	9	Rag Gatherer, Dealer	241
Others	85	Paper Manufacture	483
Weaver (not otherwise described)	554	Envelope Maker	1212
Factory Worker (Textile Fabrics)	10	Stationer (not Law)	1126
Drapier, Linen Draper, Mercer	3925	Paper Box, Paper Bag Maker	418
Fancy Goods Manufacturer, Dealer	2261	Paper Stainer	161
Trimming Maker	2011	Other Workers in Paper	258
Embroiderer	755	Connected with Mines	2
Crape Manufacture	218	Coal Merchant, Dealer	107
Others	36	Coal Labourer	3
Hair Dresser, Wig Maker	618	Others	56
Hatter, Hat Manufacture	1757	Clay Labourer	2
Straw Plait Manufacture	315	Brick Maker, Dealer	16
Furrier, Skinner	1650	Others	106
Tailoress	14780	Earthenware Manufacture	52
Milliner, Dressmaker	58460	Tobacco-pipe Maker	189
Shirtmaker, Seamstress	26375	Earthenware and Glass Dealer	243
Stay Maker, Ladies' Outfitter	2244	Glass Manufacture	188
Hosiery Manufacture	32	Other Workers in Glass	33
Hosier, Haberdasher	2203	Salt Maker and Dealer	1
Glover (leather)	61	Water Provider, Dealer	1
Glove Maker (all except leather)	213	Goldsmith, Silversmith, Jeweller	406
Shoemaker, Bootmaker	4699	Plater, Plated Ware Manufacture	10
Button Maker	138	Others	232
Umbrella, Parasol, Stick-Maker	1147	Copper Manufacture	8
Laundry Keeper	43998	Tin Manufacture	14
Others	558	Tinplate Worker	38
Mat Maker, Seller	78	Others	53
Hemp Manufacture	8	Zinc Manufacture	4
Rope, Cord Maker	117	Lead Manufacture	58
Net Maker	107	Others	6
Canvas, Sailcloth Manufacturer, Dealer	9	Brass Manufacture, Brazier	33
Sacking, Sack, Bag Maker, Dealer	705	Wire Worker, Weaver, Drawer	68
Others	144	Lacquerer	38
Cowkeeper, Milk-seller	1211	Burnisher	106
Cheesemonger	155	Others	37
Butcher	390	Iron Manufacture	12
Provision Curer, Dealer	220	Blacksmith	23
Poulterer, Game Dealer	42	Nail Manufacture	7
Fishmonger	306	Anchor, Chain Manufacture	1
Others	1	Ironmonger, Hardware Dealer	124
Corn, Flour, Seed Merchant, Dealer	174	Screw Cutter, Maker	1
Miller	9	Others	9
Baker	1125		
Confectioner, Pastry Cook	1129	VI.—INDEFINITE AND NON- PRODUCTIVE CLASS.	
Greengrocer, Fruit, Vegetable Dealer	1212	General Labourer, Labourer	412
Others	27	Factory Labourer	678
Brewer	7	Shopwoman, Assistant	1648
Wine and Spirit Merchant	61	Apprentice	156
Grocer, Tea Dealer	1029	Machine Worker, Machinist	10724
Tobacco, Cigar, Snuff Mfr., Tobacconist	969	Vagrant, Gipsy	41
Others	535	Others of undefined Occupation	123
Tallow Chandler	166	Gentlewoman, Independent, Annuitant	29013
Comb-maker	32	Scholars	207863
Others	159	Children of no stated Occupation	316310
Currier	118		
Leather Case, Portmanteau, Bag Maker	455		
Feather Dresser, Dealer	543		
Others	149		

TABLE 8.—Number and Ages of Unmarried, Married, and Widowed Persons in London, as returned at the Census in April 1871.

CIVIL CONDITION.		ALL AGES.	Under 15 Years.	15—	20—	25—	30—	35—	40—	45—	55—	65—	75—	85—	95 & upwards. [†]
UNMARRIED	Males	917,900	537,137	142,419	111,158	54,001	26,600	14,258	10,221	12,142	6,294	2,875	703	87	5
	Females	1,006,429	544,836	158,346	118,885	63,327	34,689	22,341	17,263	23,044	13,576	7,419	2,354	335	14
MARRIED	Husbands	556,788	*	791	32,304	79,644	89,116	80,633	75,252	112,375	59,089	22,900	4,375	298	11
	Wives	571,621	*	5,432	57,849	94,712	95,686	82,593	72,565	99,709	46,240	14,509	2,215	103	8
WIDOWED	Widowers	48,463	—	11	360	1,394	2,250	2,943	3,979	10,038	11,484	10,565	4,733	682	24
	Widows	153,059	—	76	1,029	3,806	6,748	9,630	13,276	33,669	37,582	31,930	13,224	1,986	103

* In the few instances in which persons described as Married have been returned at any age *under 15*, they have been classified with the persons aged 15 and *under 20*.

† This column includes 3 unmarried females, 2 wives, 5 widowers, and 15 widows, whose ages were returned as 100 years and *upwards*.

TABLE 9.—Population at different Ages in London, as enumerated at the Censuses of 1851, 1861, and 1871, with the Numbers of Males and Females at the various Ages in 1871.

ALL AGES.	Under 5 Years.	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95-	100
1851.																					
sons	2,362,236	293,562	249,649	216,369	213,694	241,401	226,632	201,491	164,588	144,361	110,426	97,937	63,903	59,043	36,440	26,168	13,474	6,371	2,025	533	123
1861.																					
sons	2,803,989	362,296	300,259	261,349	259,155	277,383	252,083	224,767	190,517	175,900	134,190	112,723	78,187	71,316	42,936	31,103	16,104	7,527	2,394	595	131
1871.																					
sons	3,254,260	422,629	349,686	309,658	307,075	321,535	296,384	255,089	212,398	192,556	153,728	137,249	93,370	80,895	52,388	37,810	18,710	8,894	2,892	669	139
es -	1,523,151	211,032	172,067	153,133	143,221	143,822	135,039	117,966	97,834	89,452	71,604	62,951	42,053	34,814	21,471	14,869	6,803	3,008	891	173	34
males	1,731,109	211,597	176,719	156,520	163,854	177,763	161,845	137,123	114,564	103,104	82,124	74,298	51,317	40,081	30,917	22,941	11,907	5,886	1,928	496	105

NOTE.—In England the proportion of Females in the population to Males in 1871 was as 105 to 100; in London it was as 114 to 100, and corresponded with the proportion which prevailed at the 1861 Census. The excess of Females is especially apparent in the ages 15-20, and in each subsequent quinquennium.

TABLE 10.—Births and Deaths in London in the 52 or 53 Weeks of Fifteen Years 1859 to 1873.

YEARS.	1859	1860	1861	1862	1863 (53 weeks)	1864	1865	1866	1867	1868 (53 weeks)	1869	1870	1871	1872	1873 (53 weeks)
BIRTHS* - - -	92556	92825	96389	97418	103897	102187	106722	107992	112264	115744	111930	113499	112535	117200	121100
DEATHS* - - -	61617	61821	65001	66950	72346	77723	73460	80129	70588	74908	77933	77278	80332	70893	76634
Excess of BIRTHS over DEATHS -	30939	31004	31388	30468	31551	24464	33262	27863	41676	40836	33997	36221	32203	46307	44466
BIRTHS* - - -	47189	47422	49076	49187	53225	52207	54110	54956	57402	58838	56876	58031	57034	59861	61602
DEATHS* - - -	45367	45403	47313	48231	50672	49980	52612	53036	54862	56906	55054	55468	55501	57339	59498
BIRTHS* - - -	31451	31486	33014	34183	37024	39353	37569	40978	36276	38390	39812	39730	40685	36401	39001
DEATHS* - - -	30166	30335	31987	32817	35322	33370	35891	39151	34312	36518	38121	37548	39647	34492	37633
BIRTHS in FIVE GROUPS of DISTRICTS:—															
West - - -	9270	9793	10125	10273	11190	11972	11331	11499	11244	12066	12004	13097	12665	11197	12183
North - - -	12851	12787	13809	13889	15673	16685	16495	17301	16138	16529	17059	17394	19295	16247	16846
Central - - -	9532	9061	9682	9854	10270	10857	9968	9770	8804	8983	9149	8748	8291	7682	8210
East - - -	13270	13479	13741	15007	15871	17172	15881	20574	14818	16067	17506	15813	16702	15175	16702
South - - -	16694	16701	17644	17927	19342	21037	19785	20985	19584	21263	22215	22226	23379	20592	22693

* The births and deaths in this Table are compiled from the Weekly Returns, which embrace 364 days, and in three years 371 days; and for this reason the deaths for all the years previous to 1873 differ from the numbers in 23 Districts (see Table 16, on page xxix), which are derived from returns for complete years ending 31st December.

TABLE 11.—Annual Rate of Mortality, 1840-1873, in Five Groups of Metropolitan Districts.

	LONDON.	WEST DISTRICTS.	NORTH DISTRICTS.	CENTRAL DISTRICTS.	EAST DISTRICTS.	SOUTH DISTRICTS.
Area in Square Miles	122.0	16.8	21.0	8.5	9.3	71.4
Decennial Increase of Population per Cent., 1861-71	16.1	22.5	21.6	-12.8 (decrease).	11.9	25.2
Enumerated Population, 1871	3,254,260	561,359	751,729	334,369	639,111	967,692
Density; persons to an acre, 1841-1871	25 42	27 52	28 56	172 159	66 107	11 21
MEAN RATE OF MORTALITY PER 1000 IN 34 YEARS.						
1840-1873	24.2	22.6	22.8	25.2	26.0	24.5
MEANS OF 10 YEARS.						
1840-9	25.2	23.5	23.1	25.1	26.6	26.6
1850-9	23.6	22.3	22.1	24.2	24.9	24.4
1860-9	24.3	22.6	23.4	26.5	26.8	23.2
MEANS OF 5 YEARS.						
1840-4	24.4	23.3	23.1	24.6	25.5	24.9
1845-9	25.9	23.7	23.1	25.6	27.7	28.2
1850-4	24.2	22.8	22.0	24.3	25.2	25.8
1855-9	23.1	21.9	22.1	24.1	24.6	22.9
1860-4	24.1	22.8	22.9	26.4	25.9	23.3
1865-9	24.5	22.3	23.9	26.5	27.6	23.2
ANNUAL RATE OF MORTALITY PER 1000.						
1840	25.0	24.1	23.9	24.5	25.7	25.9
1841	24.0	22.4	23.4	25.0	25.1	24.4
1842	23.5	22.6	22.6	23.6	24.4	23.9
1843	24.7	23.3	23.1	25.3	26.4	24.8
1844	25.0	23.9	23.3	24.4	25.9	25.6
1845	23.2	22.5	21.0	24.0	24.6	23.8
1846	23.3	21.6	21.9	22.9	24.1	24.6
1847	27.0	24.5	25.4	27.9	29.4	27.7
1848	25.8	23.6	23.4	25.3	28.7	27.2
1849	30.1	26.1	23.7	27.9	31.8	37.6
1850	21.0	19.6	19.8	21.1	21.7	21.9
1851	23.4	22.0	22.2	24.1	24.3	24.0
1852	22.6	21.5	21.2	23.9	23.3	23.0
1853	24.4	22.3	22.4	25.1	26.5	25.3
1854	29.4	28.5	24.4	27.4	30.0	34.8
1855	24.3	23.0	23.3	25.1	25.5	24.6
1856	22.1	21.5	21.1	23.0	23.3	21.8
1857	22.4	21.2	21.5	23.8	24.6	21.5
1858	23.9	22.4	22.9	24.5	25.8	24.0
1859	22.7	21.4	21.7	24.1	24.0	22.6
1860	22.5	22.2	21.2	23.3	24.1	22.1
1861	23.2	22.1	22.3	25.4	24.0	22.8
1862	23.6	22.0	22.0	26.3	26.0	22.7
1863	24.5	23.0	23.8	27.1	26.5	23.3
1864	26.6	24.6	25.4	30.0	29.0	25.4
1865	24.6	22.7	24.5	27.5	26.4	23.2
1866	26.5	22.6	25.3	27.5	34.0	24.1
1867	23.0	21.8	23.1	25.1	24.2	22.0
1868	23.6	22.3	22.9	25.6	25.6	22.9
1869	24.6	22.2	23.5	26.8	28.0	23.9
1870	24.1	23.8	23.6	26.1	25.1	23.5
1871	24.6	22.4	25.6	25.0	26.1	24.0
1872	21.5	19.6	21.2	23.6	23.6	20.9
1873	22.5	20.5	21.2	25.0	25.2	22.0
Average Number Living to One Annual Death in 34 years	41	44	44	40	38	41

NOTE.—The populations upon which these rates of mortality have been calculated are deduced from the numbers enumerated at the four Censuses of 1841, 1851, 1861, and 1871. The deaths used for the 33 years 1840-72 are for the complete years, while those for 1873 are the numbers registered in the 33 weeks ending 3rd January 1874; the 1873 rates have been corrected for the difference between 365 and 2422 days and the 371 days included by those 33 weeks.

Certain alterations affecting the West and Central groups of districts were made in the year 1898, but no corrections have been made in the results given in this Table for any year prior to 1861.

TABLE 12.—Deaths REGISTERED in London, from ALL Causes, in the 13 Years 1861–1873.

Class.	1873.																		
	QUARTER ENDING																		
	YEARS			1861			1862			1863			1864			Mar. 29	June 28	Sept. 27	Jan. 3 1874, 14 wks.
	CAUSES OF DEATH.	364	364	371	364	364	364	364	364	371	364	364	364	364	371	91	91	91	98 Days
	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.	Days.
	ALL CAUSES	65001	66950	72346	77723	73460	80129	70588	74908	77933	77278	80632	70893	76634	18970	16600	18234	22740	
	SPECIFIED CAUSES	64288	66075	71665	76872	72551	79446	69757	74234	77406	76831	80009	70639	76355	18892	16622	18169	22672	
	(CLASSES.)																		
I.	ZYMOTIC DISEASES	15710	17869	21005	20061	18058	23680	15027	18893	20885	20684	22878	16226	15203	2445	2626	5734	4398	
II.	CONSTITUTIONAL	13082	12903	13518	14237	14415	14864	14063	14621	14442	14487	14022	13891	14378	3561	3557	3531	3709	
III.	LOCAL	25569	25428	26788	31376	28826	29755	29206	29338	31334	31270	32071	29021	35343	9015	7925	6067	11436	
IV.	DEVELOPMENTAL	7680	7671	7874	8673	8606	8604	8912	8815	8307	8514	8444	7883	8588	2228	1836	2166	2358	
V.	VIOLENT DEATHS	2247	2209	2330	2353	2646	2543	2540	2367	2348	2570	2394	2308	2843	723	678	671	771	
	(ORDERS.)																		
I.	1. MIMATIC DISEASES	14450	16678	19689	18673	16530	22203	13566	17323	19425	18611	21518	14750	13683	2106	2304	5308	3965	
	2. ENTHETIC	390	343	397	418	441	457	480	529	549	517	417	510	508	126	110	120	147	
	3. DIETIC	720	706	767	804	880	886	726	807	710	726	778	819	832	172	177	245	238	
	4. PARASITIC	141	142	152	156	198	184	255	234	201	180	165	157	185	41	35	61	48	
II.	1. DIATHETIC	2258	2329	2421	2502	2483	2466	2398	2522	2527	2665	2306	2351	2066	681	667	626	692	
	2. TUBERCULAR	10824	10574	11097	11735	11932	12098	11665	12099	11915	11772	11516	11360	11712	2900	2890	2905	3017	
III.	1. DISEASES OF NERVOUS SYSTEM	6736	6924	7406	7844	7892	8272	8211	8489	8467	8647	8454	7555	8413	2303	2037	1813	2255	
	2. OF ORGANS OF CIRCULATION	2850	2993	3116	3336	3456	3496	3253	3558	3633	3649	3553	3502	4227	1117	1016	840	1254	
	3. OF RESPIRATORY ORGANS	11735	11190	11499	15201	12545	13230	12907	12182	14121	13906	14500	12985	16912	5040	3522	2003	6347	
	4. OF DIGESTIVE ORGANS	2735	2745	2950	2964	3091	2916	2879	3081	2961	3083	3047	3131	3416	843	774	890	909	
	5. OF URINARY ORGANS	899	958	1025	1086	1088	1131	1241	1197	1363	1294	1310	1331	1472	886	854	320	412	
	6. OF ORGANS OF GENERATION	206	203	254	255	268	260	220	295	265	295	230	250	278	67	70	60	81	
	7. OF ORGANS OF LOCOMOTION	174	184	230	250	239	241	305	331	300	274	347	335	337	79	96	73	89	
	8. OF INTEGUMENTARY SYSTEM	234	226	258	240	247	209	185	255	224	232	230	223	288	75	56	68	89	
IV.	1. DEV. DIS. OF CHILDREN	2037	1969	2054	2179	2077	2207	2230	2193	2118	2099	2205	2037	2100	585	480	514	571	
	2. OF ADULTS	250	252	330	323	310	328	306	284	270	316	325	260	331	72	68	86	105	
	3. OF OLD PEOPLE	2516	2631	2687	2972	2721	2574	2609	2544	2587	2743	2643	2295	2661	827	595	493	746	
	4. DISEASES OF NUTRITION	2877	2819	2783	3199	3498	3495	3767	3794	3422	3356	3271	3371	3496	794	693	1073	936	
V.	1. ACCIDENT OR NEGLIGENCE	1870	1829	2149	2139	2241	2137	2148	2126	1914	2153	2138	2169	2373	613	553	550	657	
	3. HOMICIDE	115	111	128	136	132	138	104	112	110	106	109	125	124	39	28	35	22	
	4. SUICIDE	261	266	251	259	267	258	260	294	302	273	300	268	287	57	81	72	77	
	5. EXECUTION	1	2	1	9	..	1	3	2	1	2	..	1	..	..	..	..	..
	VIOLENT DEATHS NOT CLASSED	..	1	1	2	6	9	34	33	21	42	47	45	59	14	16	14	15	
	SUDDEN DEATHS, CAUSE UN- ASCERTAINED	164	256	233	185	191	131	85	60	53	79	40	24	38	11	14	5	8	
	CAUSES NOT SPECIFIED	—	549	619	448	666	718	552	746	614	474	368	283	230	241	67	54	60	60

* Order 2., comprising Violent Deaths IN BATTLE, is omitted as inapplicable to the civil population.

Deaths from all Causes.

TABLE 12 (continued).—DEATHS REGISTERED in LONDON.

Class.	MEAN TEMPERATURE	1873.															QUARTER ENDING					
																	Mar.	Apr.	May	June	Sept.	
	YEARS	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1873.	29	30	31	32	3	14 wks.	
	CAUSES OF DEATH.	364	364	371	364	364	364	364	371	364	364	364	364	371	91	91	91	91	91	91	98 Days	
I.	ORDER 1.																					
	1. Small-pox	—	—	215	315	2012	537	646	1388	1332	606	273	958	7876	1781	115	46	37	15	17		
	2. Measles	—	—	1070	2281	1693	2750	1302	2239	1125	1989	1425	1448	1431	1680	2195	120	302	353	1420		
	3. Scarlet Fever (Scarlatina)	—	—	2338	3457	5075	3242	2181	1885	1438	2921	5805	5998	1896	904	652	108	103	158	283		
	4. Diphtheria	—	—	697	734	724	564	433	431	398	497	343	318	313	255	304	61	79	76	90		
	5. Quinsy	—	—	110	93	89	75	51	70	44	32	33	24	29	29	44	9	18	11	11		
	6. Croup	—	—	835	937	927	882	742	716	723	717	582	592	528	616	719	193	146	138	236		
	7. Whooping-cough	—	—	3497	2150	2229	2386	2921	2933	2251	2369	3755	1935	2299	3249	2689	693	807	584	605		
	8. Typhus Fever	—	—	1754	3635	2892	3689	3232	2681	2174	2483	1055	976	885	824	921	189	154	240	338		
	9. Enteric or Typhoid Fever Simple continued Fever	—	—	—	—	—	—	—	—	—	635	609	463	341	344	88	79	79	79	98		
	10. Puerperal Fever (Metritis)	—	—	102	190	220	261	182	153	157	219	198	217	182	251	306	76	58	52	120		
	11. Carbuncle	—	—	43	60	52	57	55	44	51	53	25	28	38	38	8	12	10	9			
	12. Influenza	—	—	46	45	41	64	36	37	34	26	39	30	35	21	16	4	5	..	7		
	13. Dysentery	—	—	123	95	108	104	110	148	85	90	94	87	85	79	83	13	23	28	19		
	14. Diarrhoea	—	—	2625	1735	2486	2861	3557	3181	2942	4060	3400	3776	3894	3490	3879	201	206	3170	302		
	15. Cholera	—	—	168	107	154	154	193	5577	241	320	217	235	221	175	164	2	4	144	14		
	16. Ague	—	—	33	24	20	19	24	7	13	17	23	11	19	12	17	5	1	8	3		
	17. Remittent Fever	—	—	98	107	92	100	44	30	3	8	16	10	9	18	15	4	5	4	2		
	18. Rheumatism	—	—	350	386	453	481	454	327	290	474	403	429	408	408	453	117	109	90	187		
	19. Other Zymotic Diseases	..	..	..	..	..	..	11	12	8	17	22	25	25	18	19	7	4	3	5	
	ORDER 2.																					
	1. Syphilis	—	—	327	282	335	356	360	408	423	473	466	463	356	435	436	113	91	108	124		
	2. Stricture of Urethra	—	—	58	59	57	61	61	36	52	52	78	51	59	72	63	12	16	12	12		
	3. Hydrophobia	—	—	..	..	2	..	9	11	3	..	3	..	1	..	1	..	1	..	..
	4. Glanders	—	—	..	5	2	3	1	2	2	2	4	2	3	1	3	3	..	1	..		
	ORDER 3.																					
	1. Privation	—	—	27	41	25	56	26	26	39	36	20	27	20	14	20	8	6	1	5		
	2. Want of Breast Milk	—	—	453	406	416	437	531	514	431	507	442	479	455	525	539	103	183	137	137		
	3. Purpura and Scurvy	—	—	65	69	83	69	80	91	100	95	83	104	152	118	120	29	32	30	29		
	4. Alcoholism & Del. Tremens holism & Intemperance	—	—	108	125	133	146	150	113	93	110	118	70	89	86	79	12	24	17	26		
	ORDER 4.																					
	1. Thrush	—	—	132	137	141	133	191	177	242	228	187	173	146	137	20	188	37	31	56	44	
	2. Worms, &c.	—	—	9	5	11	3	7	7	13	6	14	7	19	20	17	4	4	5	4		
II.	ORDER 1.																					
	1. Gout	—	—	74	80	65	95	88	73	96	115	105	109	123	126	121	45	33	20	23		
	2. Dropsey	—	—	666	689	759	713	775	765	630	638	656	656	666	516	542	133	139	148	122		
	3. Cancer	—	—	1304	1333	1383	1457	1392	1417	1464	1580	1584	1677	1611	1712	1733	449	444	419	481		
	4. Mortification	—	—	31	35	29	29	34	17	39	23	19	17	19	22	16	1	2	6	7		
	ORDER 2.																					
	1. Seroful	—	—	553	521	525	552	465	475	410	407	388	429	473	464	576	111	150	167	148		
	2. Tabes Mesenterica	—	—	973	813	992	971	1236	1155	1115	1190	1207	1181	1178	1180	1214	203	231	471	309		
	3. Phthisis	—	—	7716	7749	7791	8559	8710	9277	8817	9021	8878	8773	8473	8366	8544	2266	2103	1899	2276		
	4. Hydrocephalus	—	—	1582	1491	1589	1647	1521	1491	1491	1523	1481	1532	1493	1392	1378	320	406	368	320		
III.	ORDER 1.																					
	1. Cephalitis	—	—	522	556	625	570	776	705	745	867	850	910	855	928	931	217	255	222	237		
	2. Apoplexy	—	—	1489	1647	1733	1754	1811	1869	1815	1763	1794	2056	2113	2014	2170	597	527	461	585		
	3. Paralysis	—	—	1243	1237	1265	1457	1365	1560	1632	1550	1548	1600	1490	1392	1602	459	382	301	454		
	4. Insanity	—	—	72	82	78	95	116	123	139	116	107	110	114	115	118	30	33	31	34		
	5. Chorea	—	—	11	12	11	9	11	7	7	18	15	12	10	11	10	2	3	2	4		
	6. Epilepsy	—	—	313	375	370	346	394	371	329	355	353	344	285	335	367	90	97	86	94		
	7. Convulsions	—	—	2161	2149	2342	2621	2534	2787	2768	2867	2967	2742	2735	2233	2322	664	534	510	514		
	8. Brain Disease, &c.	—	—	925	868	982	992	906	917	876	964	830	870	850	880	892	249	216	194	233		
	ORDER 2.																					
	1. Pericarditis	—	—	97	104	121	123	107	106	118	136	134	122	133	134	136	35	32	27	42		
	2. Aneurism	—	—	108	106	128	101	131	100	137	147	139	137	142	152	157	33	33	37	54		
	3. Heart Disease, &c.	—	—	2645	2783	2867	3312	3218	3290	3003	3275	3360	3370	3678	3516	3934	1049	951	776	1168		
	ORDER 3.																					
	1. Laryngitis	—	—	381	419	387	381	323	314	323	343	307	421	388	305	486	170	120	72	124		
	2. Bronchitis	—	—	6465	5925	6049	8666	7265	7512	7501	6688	8059	8234	8806	7542	10259	3219	2015	1013	4012		
	3. Plethora	—	—	159	142	156	178	152	123	154	187	171	156	156	208	232	62	56	48	66		
	4. Pneumonia	—	—	3665	3496	3727	4490	3600	4168	3627	3800	4217	3762	3776	3681	4291	1080	999	675	1537		
	5. Asthma	—	—	582	564	526	636	490	430	601	459	555	529	564	883	694	275	103	50	266		
	6. Lung Disease, &c.	—	—	483	644	654	860	715	683	701	725	722	804	810	776	950	234	229	145	342		
	ORDER 4.																					
	1. Gastritis	—	—	72	97	88	114	80	62	82	93	86	98	96	94	95	26	23	25	21		
	2. Enteritis	—	—	303	274	340	307	322	277	286	313	322	278	278	278	278	320	351	84	57	89	
	3. Peritonitis	—	—	230	222	232	277	248	237	218	209	245	227	227	227	227	75	75	90	119		
	4. Ascites	—	—	124	143	148	142	165	141	143	106	116	128	125	124	112	35	37	27	21		
	5. Ulceration of Intestines	—	—	130	116	142	145	126	116	125	142	136	173	169	151	174	43	34	50	47		
	6. Hernia	—	—	161	170	169	162	146	155	150	169	161	176	171	172	175	40	48	33	51		
	7. Ileus	—	—	184	128	140																

from All Causes, in the 13 Years 1861-1873.

Class.	MEAN TEMPERATURE	1873.																		
		QUARTER ENDING																		
		Mar. 29	June 28	Sept. 27	Jan. 3															
YEARS	1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873																			
CAUSES OF DEATH.	364 Days. 364 Days. 371 Days. 364 Days. 364 Days. 364 Days. 371 Days. 364 Days. 364 Days. 364 Days. 371 Days. 91 Days. 91 Days. 91 Days.																			
III. cont.	ORDER 4.—continued.																			
	9. Stricture of Intestines	48	49	51	49	42	48	35	45	45	36	58	58	45	11	10	16	8		
	10. Fistula	—	—	19	26	21	18	26	19	22	20	18	19	25	26	9	11	10	10	
	11. Stomach Disease, &c.	301	356	330	346	360	319	314	330	308	356	313	334	371	94	81	97	99		
	12. Pancreas Disease, &c.	2	4	—	2	1	2	1	3	2	1	—	1	—	1	—	1	—	1	
	13. Hepatitis	—	183	167	224	176	202	214	185	171	166	178	164	189	202	50	52	51	46	
	14. Jaundice	—	192	175	212	210	211	189	203	238	225	204	225	245	223	56	52	63	47	
	15. Liver Disease, &c.	719	753	786	806	926	882	842	883	915	878	872	954	1004	245	242	239	275		
	16. Spleen Disease, &c.	13	19	12	15	15	24	25	14	12	14	16	11	11	4	1	3	3		
	ORDER 5.																			
	1. Nephritis	—	—	33	37	54	56	47	51	60	87	106	124	114	91	111	31	20	21	39
	2. Ischuria	—	—	19	9	13	7	14	21	17	15	15	14	8	24	14	5	2	5	2
	3. Bright's Dis. (Nephritis)	379	402	456	479	483	451	518	436	608	543	494	644	642	170	163	134	175		
	4. Diabetes	—	—	77	67	73	81	84	84	93	93	104	110	105	130	49	25	27	29	
	5. Calculus (Stone)	—	—	30	38	31	43	32	43	41	45	38	32	44	42	48	9	7	14	18
	6. Cystitis	—	—	39	44	55	56	44	61	57	71	55	55	68	60	72	20	24	13	15
	7. Kidney Disease, &c.	—	—	322	361	343	364	384	420	464	450	448	422	472	365	455	102	113	106	134
	ORDER 6.																			
	1. Ovarian Dropsy	—	—	50	45	53	46	50	23	41	41	38	24	24	20	32	9	10	7	6
	2. Uterus Disease, &c.	—	—	156	158	201	209	218	237	179	254	227	211	206	239	58	60	53	75	
	ORDER 7.																			
	1. Synovitis (Arthritis)	—	—	11	4	8	17	6	10	7	9	14	19	20	15	19	3	4	7	5
	2. Joint Disease, &c.	—	—	163	130	222	233	233	231	298	322	286	255	327	329	318	76	92	66	84
	ORDER 8.																			
	1. Phlegmon	—	—	106	76	105	86	101	75	85	132	113	127	123	107	154	37	31	25	51
	2. Ulcer	—	—	68	78	91	63	72	67	59	56	56	48	44	54	55	20	8	10	17
	3. Skin Disease, &c.	—	—	60	72	62	91	74	67	59	67	55	57	60	62	79	18	17	23	21
IV.	ORDER 1.																			
	1. Premature Birth	—	—	966	956	1011	1008	1081	1112	1105	1010	1060	1155	1171	1158	289	258	294	317	
	2. Cyanosis	—	—	107	99	116	121	107	107	112	118	92	103	100	127	126	30	26	35	35
	3. Spina Bifida	—	—	51	56	58	43	36	55	56	48	65	57	60	52	64	25	10	13	16
	4. Other Malformations	—	—	86	97	72	98	81	85	98	88	69	97	87	76	92	19	18	22	33
	5. Teething	—	—	827	761	797	909	772	848	859	854	882	782	803	631	660	172	168	150	170
	ORDER 2.																			
	1. Paroxysma	—	—	16	11	11	8	10	12	9	9	11	10	7	7	5	..	2	2	1
	2. Childbirth (see Puerperal Fever)	—	—	234	211	339	315	300	316	297	275	259	306	318	233	326	72	66	84	104
	ORDER 3.																			
V.	1. Old Age	—	—	2516	2631	2687	2972	2721	2574	2609	2544	2587	2743	2643	2295	2661	827	505	493	746
	ORDER 4.																			
	1. Atrophy and Debility	—	—	2877	2819	2788	3199	3498	3495	3767	3794	3422	3356	3271	3371	3496	794	693	1073	936
	ORDER 1. (ACCIDENT OR NEGLIGENCE.)																			
	1. Fractures and Contusions	719	707	827	898	999	915	845	871	774	941	909	893	977	247	233	248	249		
	2. Wounds { Gunshot	27	29	41	38	25	28	22	20	21	44	38	36	4	2	1	..	1		
	3. Burns and Scalds	337	345	341	342	323	296	302	287	263	275	261	239	279	89	67	35	88		
	4. Poison	—	—	60	49	58	48	40	49	55	44	44	52	45	43	45	12	13	11	9
	5. Drowning	—	—	299	255	355	257	329	333	335	339	297	279	300	339	363	74	72	110	98
	6. Suffocation	—	—	654	842	399	401	405	408	437	386	388	400	490	496	554	144	137	92	161
	7. Otherwise	—	—	74	72	128	155	115	108	132	179	127	162	95	121	142	89	23	37	43
	ORDER 3. (HOMICIDE.)																			
V.	1. Murder and Manslaughter	115	111	128	126	132	138	104	112	110	103	109	125	124	39	28	35	22		
	ORDER 4. (SUICIDE.)																			
	1. Wounds { Gunshot	12	11	18	18	14	15	15	16	10	16	21	17	17	1	3	6	7		
	2. Cut, Stab	46	44	53	45	67	63	59	50	75	62	64	72	72	12	19	16	25		
	3. Drowning	—	—	40	48	38	49	50	52	45	46	54	51	52	44	15	9	8		
	4. Hanging	—	—	44	35	42	42	36	33	46	72	69	56	57	62	13	19	14	16	
	5. Otherwise	—	—	98	113	81	82	78	77	58	79	74	57	63	64	13	26	21	16	
	ORDER 5. (EXECUTION.)																			
V.	1. Hanging	—	—	1	2	1	9	..	1	3	2	1	2	..	1	..	..	..	..
	Violent Deaths (not classed)	..	1	1	2	6	9	34	33	21	42	47	45	59	14	16	14	15		
Sudden Deaths (cause unascertained)																				
V.	Causes not specified or ill-defined	—	—	164	256	233	185	191	131	85	60	53	79	40	24	38	11	14	5	8
	549	619	448	666	718	552	746	614	474	368	283	230	241	67	54	60	60	60		

NOTE.—Where a person is "found drowned" the coroners, as in some other cases, do not always succeed in discovering whether the case is a suicide, a murder, or an accident. All such cases are classed under "accident or negligence." Cases of "infantile fever" are classed with those of "congenital or typhoid fever," "relapsing," and other continued fevers, under one name "simple continued fever."

Cases of "rheumatic fever" are classed with "rheumatism" of "haemorrhage" and "abscess" with the diseases of the organs affected. Cases of "neglect" and "cold" except when the result of "privations" (Class I.; 3; 1), are placed under deaths by "accident or negligence" (V.; 1; 7). As "stricture of the urethra" is almost invariably the result of gonorrhoea, it is classed as 1; 2; 2.

TABLE 13. LONDON.—TOTAL Births and Deaths; Deaths of CHILDREN under 1 Year of Age, and DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHEA, CHOLERA, and VIOLENCE; also Deaths in POB.

REGISTRARS' SUB-DISTRICTS.	Enumerated Population, 1871.	The DEATHS registered in the 53 Weeks include																	
		Total Births in 53 Weeks.		Deaths of Children under 1 Year of Age.		Deaths from													
		Total Deaths in 53 Weeks.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Diphtheria.	Whooping-cough.	Scarlet Fever.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple continued Fever.	Diarrhoea.	Cholera.	Violence.	Deaths in Public				
LONDON	3,254,260	121100	76634	19256	16793	115	2195	652	306	2689	284	921	344	3879	164	2843	129		
WEST DISTRICTS	561,359	17868	12188	2986	2842	7	241	65	63	824	17	146	53	606	20	460	200		
NORTH DISTRICTS	751,729	27120	18846	4120	4117	29	515	107	82	584	58	236	50	857	31	548	278		
CENTRAL DISTRICTS	334,369	10987	8210	1859	1623	-	174	40	35	283	22	91	25	386	8	347	169		
EAST DISTRICTS	639,111	26369	16702	4365	3313	35	604	275	84	733	57	176	76	923	51	748	316		
SOUTH DISTRICTS	967,692	38806	22693	5926	4898	44	661	165	102	765	130	272	140	1107	54	740	331		
WEST DISTRICTS.																			
St. Mary Paddington <i>WH</i>	56728	2123	1304	356	294	1	29	9	11	71	-	9	3	63	3	46	16		
St. John Paddington <i>H</i>	33085	748	710	98	179	1	7	1	3	18	1	17	4	121	4	69	28		
Kensington Town <i>W</i>	91645	3339	1904	542	446	1	28	8	3	37	6	19	8	121	1	58	17		
Brompton <i>H</i>	23654	843	535	114	118	-	10	2	3	7	-	8	2	24	6	6	6		
St. Peter Hammersmith	6662	226	131	23	42	-	2	2	1	1	-	1	2	8	5	1	35	2	
St. Paul Hammersmith <i>H</i>	36092	1515	729	228	164	-	7	8	3	9	2	6	5	52	1	35	16		
Fulham <i>W</i>	23350	968	644	170	141	-	13	13	5	14	-	10	43	4	4	16	8		
Chelsea South <i>HH</i>	26420	874	628	155	162	-	18	3	2	22	1	2	4	26	-	17	17		
Chelsea North-west <i>WwH</i>	23277	694	615	190	152	-	15	2	2	16	8	8	31	13	15	13	15		
Chelsea North-east	21392	677	395	122	88	-	17	-	6	-	4	3	24	-	8	-	-		
Hanover Square <i>H</i>	18698	368	273	46	82	-	3	1	1	7	1	1	1	14	-	18	-		
Mayfair <i>WW</i>	13007	232	213	38	72	-	1	1	1	4	-	4	3	1	2	6	2		
Belgrave <i>HH</i>	57972	1604	1222	234	260	1	22	4	2	22	-	28	1	42	1	84	1		
St. John Westminster <i>H</i>	88478	1308	805	245	131	1	28	8	5	36	3	15	6	59	1	15	2		
St. Margt. Westmor. <i>WWWHHH</i>	27781	816	887	158	244	1	6	-	4	18	3	7	6	25	-	38	1		
St. James's Square	10472	151	129	23	28	-	4	-	-	2	-	2	1	1	2	6	6		
Golden Square <i>W</i>	12869	354	300	68	121	1	8	2	1	9	-	1	1	15	9	9	13		
Berwick Street <i>H</i>	10287	341	224	67	29	-	14	-	7	-	3	3	1	22	1	8	4		
St. Anne Soho <i>HH</i>	17562	524	396	109	51	-	11	1	2	18	-	1	3	22	1	8	4		
NORTH DISTRICTS.																			
All Souls (Marylebone) <i>HHHH</i>	28379	871	815	126	164	-	22	3	3	25	1	12	2	23	1	36	31		
Cavendish Square	15425	288	215	59	66	-	5	1	4	-	3	7	1	9	-	1	9		
Rectory (Marylebone) <i>WH</i>	26334	865	932	169	385	1	7	2	-	13	-	6	5	29	-	16	49		
St. Mary (Marylebone) <i>HHHH</i>	21786	1004	472	119	119	-	7	-	2	25	4	2	16	5	5	4	4		
Christchurch (Marylebone) <i>H</i>	33944	1089	715	217	132	-	43	3	4	24	1	14	1	49	-	24	24		
St. John (Marylebone) <i>H</i>	33136	987	578	157	163	1	9	2	3	19	-	7	3	29	-	13	13		
Hampstead <i>HHHH</i>	32281	878	547	120	144	-	15	4	5	19	-	9	2	18	-	18	9		
Regent's Park	38200	1241	693	195	139	-	43	3	4	28	-	4	1	33	2	29	1		
Tottenham Court <i>W</i>	23970	926	851	168	196	1	14	1	6	28	-	10	36	1	71	30			
Gray's Inn Lane <i>HH</i>	29221	1003	638	159	108	-	7	1	1	19	1	11	4	42	2	47	10		
Somers Town	38533	1361	797	240	169	-	47	1	2	45	2	9	1	23	-	1	23		
Camden Town <i>W</i>	17943	839	639	189	245	1	26	2	1	12	-	5	3	22	1	39	38		
Kentish Town <i>v</i>	65198	2725	1658	404	320	-	84	9	24	83	4	15	5	32	1	32	29		
Islington West <i>HHHH</i>	97820	3902	1989	553	377	1	110	22	7	71	7	37	8	119	6	49	4		
Islington East <i>WwW</i>	113968	4620	2330	620	713	2	44	24	3	82	2	21	3	157	3	50	30		
Stoke Newington <i>H</i>	9841	425	229	67	58	-	2	3	-	9	-	5	1	19	-	4	-		
Stamford Hill	6598	199	129	22	36	-	2	2	2	3	-	3	1	4	-	9	17		
West Hackney	28069	1114	566	167	135	-	5	9	6	37	9	4	36	1	1	9	1		
Hackney <i>WwHHH</i>	50104	1686	1259	248	324	22	18	10	8	22	40	45	3	60	3	46	40		
South Hackney	30339	1097	574	175	144	-	5	5	1	16	7	1	44	6	16	6	16		
CENTRAL DISTRICTS.																			
St. George Bloomsbury	17853	467	306	93	69	-	7	1	1	13	-	3	1	15	-	16	16		
St. Giles South <i>WH</i>	19109	848	542	122	144	-	11	1	8	-	5	1	41	-	25	2	17		
St. Giles North <i>-</i>	16594	483	319	97	60	-	10	-	5	13	-	1	21	1	3	-	-		
Long Acre	11379	855	248	56	38	-	4	-	1	10	1	7	2	10	-	2	7		
Charing Cross <i>HH</i>	9659	183	303	35	53	-	7	2	1	5	2	2	4	4	-	38	15		
St. Mary-le-Strand <i>H</i>	9378	223	160	32	47	-	6	1	2	2	1	2	7	1	4	4	4		
St. Clement Danes <i>H</i>	10723	280	511	71	77	-	8	3	9	5	4	4	1	16	-	39	28		
St. Geo. the Martyr <i>HHHH</i>	20621	620	499	112	100	-	13	1	2	28	1	10	1	23	1	21	9		
St. Andrew Eastern <i>W</i>	13259	370	633	98	148	-	15	1	2	23	2	1	2	19	-	12	33		
Saffron Hill	9066	253	166	48	38	-	3	1	8	-	1	2	11	-	3	-	3		
St. James Clerkenwell <i>W</i>	18917	848	539	161	82	-	14	2	2	26	-	6	4	32	1	13	11		
Amwell	16884	606	341	90	53	-	14	4	1	9	-	6	4	23	-	10	10		
Pentonville	13387	518	282	87	51	-	15	3	1	2	-	5	5	19	-	13	13		
Goswell Street	16242	692	351	97	82	-	5	2	2	13	2	1	1	19	1	9	9		
Old Street <i>H</i>	12161	537	258	74	46	-	6	1	6	20	1	2	17	-	6	-	6		
City Road <i>HHL</i>	18301	1137	452	149	69	-	11	4	-	29	3	2	2	16	-	16	14		
Whitecross Street	13792	475	299	123	29	-	3	3	-	25	-	2	1	23	-	4	4		
Finsbury	10741	265	164	35	40	-	2	1	-	7	-	2	1	5	-	3	3		
St. Botolph <i>HH</i>	14540	445	343	70	82	-	11	5	1	12	1	9	1	15	3	3	5		
Cripplegate	13288	393	261	60	71	-	2	2	3	9	-	6	6	4	-	4	4		
St. Sepulchre <i>H</i>	7562	176	666	34	80	-	3	-	1	2	2	11	4	6	6	63	49		
St. Bride <i>W</i>	11185	271	213	44	51	-	4	-	2	4	3	4	4	6	6	7	1		
Castle Baynard	4426	80	49	15	10	-	-	-	-	1	-	-	-	4	-	2	2		
Christchurch	6270	80	57	5	17	-	-	-	-	2	-	-	-	4	-	2	-		
Queenhithe	4753	91	82	19	26	-	-	-	-	3	1	1	-	3	-	3	4		
Allhallows Barking	5764	90	85	11	22	-	-	1	-	4	-	1	-	1	-	1	14		
Broad Street <i>H</i>	7845	151	140	21	35	-	-	2	-	1	-	4	1	4	-	4	4		

NOTE.—The letters placed against the names of the sub-districts denote that Public Institutions are situated therein, namely:—*W*—Workhouse; *H*—Hospital; *L*—Lunatic asylum; *v*—Workhouse receiving inmates from Districts other than those in which they are situated, and indicated in the foregoing Table by *v*:—The Little Chelsea Workhouse, belonging to the Union of St. George Hanover Square, was until the middle of 1873 situated in the North-west sub-district; from that date, however, it was ordered that for registration purposes it should be considered as part of the May Fair sub-district of St. George's District. The Westminster Industrial School is situated at Battersea. The Holborn Union had a Workhouse situated in Tottenham Court sub-district of Pancras District, but it was closed at the end of June 1873. The Holborn Union has a Workhouse

Total Births and Deaths, and Deaths from some Zymotic and other Causes.

XXV

PERSONS aged 60 Years and upwards from ALL CAUSES; and DEATHS from SMALL-POX, MEASLES, SCARLET FEVER, TUBERCULOSIS; registered in each SUB-DISTRICT during the 53 Weeks ending Saturday, 3rd January 1874.

REGISTRARS'
SUB-DISTRICTS.

Enumerated Population, 1871.	The DEATHS registered in the 53 Weeks include														
	Deaths of Persons aged 60 Years and upwards.		Deaths from												
	Total Deaths in 53 Weeks.	Births in 53 Weeks.	Children under 1 Year of Age.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus Fever.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Cholera.	Violence.	Deaths in Public Institutions.
EAST DISTRICTS.															
Stepney Road -	29322	1832	709	237	77	-	49	26	-	83	4	8	43	5	22
Leonard (Shoreditch) <i>HL</i> -	12430	303	227	64	40	1	12	10	1	11	-	3	2	11	5
oxton New Town <i>w</i> -	16545	638	438	125	59	1	27	8	-	23	5	12	3	19	44
oxton Old Town -	27835	1131	695	165	240	-	-	10	14	-	16	4	2	49	8
aggerston West <i>W</i> -	26933	1091	547	158	87	-	-	21	5	-	33	1	7	2	23
aggerston East <i>H</i> -	24162	1108	793	190	216	1	22	27	-	36	2	12	1	44	14
Stepney <i>HL</i> -	19250	821	499	127	59	2	23	16	1	14	1	4	3	21	16
Hackney Road -	29322	1832	709	237	77	-	49	26	-	83	4	8	43	5	22
new (Bethnal Green) <i>WHL</i> -	42433	1887	1394	300	388	4	53	13	-	48	5	10	5	54	45
new (Bethnal Green) -	26577	1116	559	166	87	-	49	5	5	2	7	4	42	3	15
own (Bethnal Green) -	21272	849	448	132	43	-	30	19	2	19	2	3	5	23	18
rtillery (Whitechapel) -	6651	241	131	36	24	-	6	3	-	14	-	-	1	8	2
rtificial Fields -	15848	517	325	105	45	-	6	9	1	16	1	6	3	26	10
ile End New Town <i>W</i> -	15550	661	596	117	169	1	7	5	1	11	1	3	3	31	16
hitechapel North -	11597	436	250	83	46	-	4	2	-	13	1	1	1	16	6
hitechapel Church <i>H</i> -	7322	283	786	50	120	-	8	1	-	8	3	-	11	3	177
odman's Fields -	10381	353	184	67	31	-	5	4	1	7	6	1	13	-	1
ldgate -	9224	235	199	45	24	-	6	1	-	13	4	2	4	9	2
Mary (St. Geo.-in-the-East) -	17900	748	410	145	45	-	16	7	1	32	1	2	-	44	-
Paul (St. Geo.-in-the-East) -	21350	842	455	161	70	1	16	4	1	40	1	1	2	34	-
John (St. Geo.-in-the-East) <i>W</i> -	8802	320	419	71	138	-	8	-	2	20	1	1	2	19	16
adwell -	11640	330	248	62	37	-	7	-	-	11	-	1	-	18	1
leif <i>H</i> -	16131	565	423	132	47	-	19	4	1	22	1	3	1	33	22
mehouse <i>W</i> -	29919	1192	616	170	80	4	20	13	1	36	3	7	-	51	2
ile End Old Town Western -	38128	1584	777	239	133	1	26	11	4	43	6	11	3	52	3
ile End Old Town Eastern. <i>WwwH</i> -	55024	2576	1361	404	311	2	46	16	6	59	6	24	4	74	6
new <i>WHL</i> -	67765	3203	2177	466	542	13	66	17	3	63	6	22	7	93	4
olar <i>WW</i> -	48611	2108	1134	346	155	4	37	35	3	64	2	10	9	60	2
SOUTH DISTRICTS.															
aristchurch Southwark <i>W</i> -	14573	561	408	71	166	-	19	19	1	3	11	-	1	1	17
Saviour Southwark <i>H</i> -	15677	571	377	107	55	-	18	4	1	23	-	4	1	29	15
on Road -	20421	685	413	139	62	-	24	6	3	23	-	4	1	29	5
ondon Road <i>HL</i> -	16695	635	392	106	61	-	23	1	2	19	1	-	39	1	61
inity Newington -	18061	792	436	128	87	-	8	6	2	16	2	5	5	33	10
Peter Walworth <i>W</i> -	48248	2254	1495	365	376	2	43	7	2	55	3	13	8	73	373
Mary Newington -	16792	617	350	102	76	1	10	3	1	16	1	6	3	26	13
lave Southwark <i>H</i> -	4373	94	608	28	76	-	2	4	-	3	-	-	4	-	120
John Horsleydown <i>W</i> -	10500	406	337	74	51	-	11	3	2	10	8	-	19	1	514
arker Market -	16787	637	430	123	65	-	27	5	4	19	1	4	2	33	8
Mary Magdalene <i>W</i> -	15709	643	515	127	166	1	27	3	-	21	3	8	2	20	12
James Bermondsey -	47933	2307	1049	346	129	1	55	17	4	52	9	13	6	54	26
therthie <i>H</i> -	27096	1063	595	181	98	-	17	4	-	28	1	7	1	23	9
aterloo Road First <i>H</i> -	14074	569	356	122	49	1	16	6	2	37	1	2	-	25	6
aterloo Road Second <i>H</i> -	18465	995	421	148	48	-	16	3	2	26	1	6	5	24	13
ambeth Church First <i>H</i> -	19492	815	754	140	104	-	24	2	-	16	4	7	2	19	90
ambeth Church Second <i>WW</i> -	35883	1688	1215	324	338	1	51	4	-	44	2	9	12	66	2
ennington First <i>W</i> -	41286	1544	819	209	232	1	39	3	3	13	1	12	4	47	2
ennington Second -	31221	1123	607	178	148	1	13	4	5	24	1	8	3	26	7
rixton <i>H</i> -	35435	1316	726	158	166	21	12	8	6	15	66	33	4	83	6
orwood <i>W</i> -	12536	447	211	47	57	-	1	1	2	13	1	2	4	-	3
apham <i>H</i> -	27347	929	475	117	133	-	11	2	3	14	-	6	4	24	1
terser <i>W</i> -	54016	2658	1307	407	239	9	35	6	5	43	7	20	12	62	39
ndsworth <i>HL</i> -	19783	655	434	107	94	-	4	-	3	8	6	1	19	3	14
utney -	9439	320	125	18	31	-	9	-	-	1	1	2	-	1	6
reatham -	14475	488	240	66	78	-	3	1	8	-	1	6	9	-	4
ulverwell <i>WHL</i> -	4041	88	51	8	22	-	-	-	1	-	-	-	1	-	1
umberwell <i>WHL</i> -	31254	1200	821	172	218	-	19	1	-	16	3	8	3	43	3
ekham <i>W</i> -	42160	1833	928	262	226	2	13	5	6	27	1	4	12	46	34
George (Camberwell) -	33851	1471	637	207	141	1	25	11	3	17	2	5	7	38	14
Paul Deptford -	33714	2286	1081	338	199	-	28	8	7	26	2	18	2	53	2
Nicholas Deptford -	6474	260	164	51	25	-	11	1	-	5	1	2	4	-	11
reenwich West -	21034	735	448	123	127	1	7	-	-	15	1	4	1	20	-
reenwich East <i>WH</i> -	18378	729	661	90	203	-	6	1	6	9	3	16	9	17	-
ham <i>H</i> -	4539	135	46	6	15	-	3	-	1	-	-	1	3	-	3
ee -	16440	450	231	45	78	-	5	1	3	8	1	1	5	1	1
ewisham Village <i>W</i> -	11613	505	257	68	65	-	4	5	1	9	-	3	9	1	4
denham -	19065	711	291	85	54	-	6	6	1	6	1	1	1	7	-
harlton <i>H</i> -	9564	246	194	29	31	-	1	4	3	11	6	1	5	2	1
oolwich Dockyard -	17226	575	305	81	46	-	5	3	7	2	6	7	19	1	15
oolwich Arsenal <i>WH</i> -	18331	697	334	97	56	-	4	5	3	7	2	7	-	18	1
unstead West -	13027	494	229	61	38	-	2	4	2	7	2	3	1	10	9
unstead East <i>W</i> -	15232	646	395	96	96	1	-	8	3	27	1	3	1	15	2

isbury in Islington East, and a Workhouse in Hoxton New Town (Shoreditch) sub-districts. The Central London Sick Asylum District has an infirmary in Kentish Town sub-district of Pancras District. The City of London has a Workhouse situated in Islington East, one in Hackney, and a third situated partly in Mile End Old Town Eastern and partly in Bow sub-districts. The Whitechapel Union has a Workhouse Establishment for Children situated in Mile End Old Town Eastern sub-district. The Stepney Union has a Workhouse situated in Bow sub-district. The Stepney Sick Asylum is situated in Bow sub-district. See also Table 17, p. xxx.

• The deaths in Prisons and Military Asylums are not included in this column. † Private Lunatic Asylums in which paupers are received.

TABLE 14.—Weekly Deaths from Measles in

London in the Thirty-four Years 1840-1873.

umber of Week.	1856.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.
YEAR	1,445	1,400	2,383	1,305	2,054	1,070	2,281	1,698	2,750	1,302	2,259	1,125	1,989	1,425	1,443	1,431	1,680	2,195
Jan. Quar.	265	349	714	373	274	436	235	576	413	338	560	239	452	300	332	202	635	120
Feb. "	415	374	679	304	571	271	501	606	844	208	823	202	741	315	500	215	661	302
Mar. "	393	269	466	231	579	192	645	221	855	253	520	185	410	337	301	251	246	353
Apr. "	372	408	524	397	630	171	900	295	638	503	356	499	386	473	310	763	138	1,420
May	31	38	60	43	32	52	20	60	28	49	49	36	55	24	30	34	67	6
June	20	30	65	49	23	56	20	61	32	48	41	29	48	20	40	27	51	12
July	25	33	66	21	19	40	15	66	34	42	38	21	37	28	41	17	60	6
Aug.	17	26	50	24	19	37	18	53	23	26	43	19	42	26	28	12	41	10
Sept.	14	23	57	33	22	40	21	34	23	28	34	23	26	17	28	12	32	8
Oct.	18	38	57	27	24	30	7	25	32	30	35	10	30	25	23	9	40	3
Nov.	22	20	34	17	15	24	13	30	18	17	30	14	19	15	17	11	30	12
Dec.	17	35	57	23	13	20	24	31	32	20	46	7	28	12	18	15	52	14
Jan.	17	23	55	26	20	23	12	36	29	17	43	14	22	25	21	15	41	14
Feb.	17	10	59	30	16	26	20	38	38	16	53	16	39	27	17	14	52	13
Mar.	24	27	45	31	24	20	22	36	25	20	60	13	36	20	20	13	40	5
Apr.	20	26	50	23	22	38	18	40	44	16	48	16	31	30	19	10	66	16
May	23	20	59	26	25	30	25	57	55	9	40	21	39	31	30	13	63	9
June	23	34	58	15	20	24	33	51	33	14	71	21	46	34	34	15	68	23
July	37	17	55	16	21	16	26	69	55	16	55	13	49	28	28	6	66	16
Aug.	33	24	41	24	33	18	37	56	35	15	50	7	64	18	32	13	77	25
Sept.	26	30	54	36	37	17	32	58	37	11	60	10	51	20	32	12	58	15
Oct.	25	36	45	21	38	30	28	47	55	9	55	10	66	21	49	17	64	13
Nov.	27	32	47	22	53	27	41	54	50	18	64	20	55	24	42	16	35	28
Dec.	25	29	60	31	41	18	30	55	87	12	59	15	56	22	36	11	47	19
Jan.	28	26	45	19	51	19	46	37	79	16	61	14	64	23	31	23	41	20
Feb.	36	24	62	19	51	20	47	39	86	18	69	17	56	24	34	16	59	29
Mar.	41	24	56	20	51	17	27	37	82	18	71	17	60	28	53	23	39	22
Apr.	41	28	58	22	63	22	50	45	85	17	80	19	60	28	36	21	33	33
May	32	34	44	28	47	23	45	32	79	25	69	20	59	23	51	27	41	31
June	41	36	54	31	65	20	59	26	81	19	59	19	55	22	42	15	33	28
July	28	25	71	24	46	26	62	33	79	24	46	22	55	29	41	12	42	33
Aug.	50	15	47	20	61	21	38	19	81	26	60	11	31	35	31	22	28	24
Sept.	45	21	50	29	51	26	55	16	74	31	62	11	30	23	23	17	12	31
Oct.	45	40	56	14	53	17	49	20	79	23	53	17	35	33	30	18	25	31
Nov.	29	21	44	14	47	17	50	23	102	25	45	16	46	25	33	18	20	28
Dec.	34	14	25	15	39	18	55	17	72	14	40	13	36	31	22	28	18	28
Jan.	43	27	22	14	45	14	61	18	51	7	33	14	25	21	15	19	26	32
Feb.	21	13	36	12	40	15	39	17	74	25	35	14	33	20	31	20	12	30
Mar.	21	19	20	15	43	8	42	11	58	22	44	13	21	19	19	19	15	26
Apr.	18	18	21	17	33	8	58	7	53	13	32	10	22	28	16	21	17	15
May	23	16	27	26	36	7	43	7	36	15	24	15	20	21	8	16	9	29
June	23	19	21	14	42	4	55	19	56	13	21	15	22	22	8	23	10	24
July	13	21	26	17	43	11	38	14	40	15	25	14	25	20	14	18	12	22
Aug.	24	18	36	26	52	7	59	13	35	27	29	12	16	22	11	25	9	32
Sept.	25	21	23	18	39	12	52	17	47	22	21	18	25	27	19	34	7	48
Oct.	25	21	39	32	56	2	61	17	38	27	19	23	24	27	20	34	15	55
Nov.	23	21	33	15	43	10	52	21	33	37	32	31	29	13	36	4	76	
Dec.	18	11	42	28	44	7	68	16	57	24	29	32	31	46	27	45	12	103
Jan.	26	23	38	21	49	14	61	13	45	40	29	37	32	31	19	42	11	116
Feb.	25	20	41	36	43	6	65	21	63	45	20	57	38	50	36	40	7	105
Mar.	35	35	51	31	41	20	83	12	53	39	26	53	12	50	24	60	11	130
Apr.	43	38	39	33	50	18	94	25	56	38	38	50	39	40	33	83	15	121
May	42	33	46	31	58	17	91	18	65	49	39	41	31	35	27	81	10	118
June	31	36	43	36	55	25	74	27	47	49	25	40	34	26	27	97	11	133
July	23	45	40	45	51	14	79	18	57	60	24	55	33	31	25	102	17	168
Aug.	32	41	53	45	49	19	61	44	42	46	25	50	17	59	29	75	9	107
Sept.	—	45	—	—	—	—	—	33	—	—	—	—	35	—	—	—	—	108

TABLE 15.—Area; and Population of London and its REGISTRATION DISTRICTS; 1801-1871.

	AREA in Acres.*	DENSITY, Persons to an Acre, 1871.	POPULATION enumerated at the Census in						DECENNIAL Increase or Decrease per Cent. §		
			1801.	1821.†	1841.‡	1851.	1861.	1871.	1841-51.	1851-61.	1861-71.
LONDON	78,080	42	958,863	1,378,947	1,948,417	2,362,236	2,803,989	3,254,260	21·2	18·7	16·1
WEST DISTRICTS	10,778	52	142,491	197,886	292,100	369,122	458,125	561,359	26·4	24·1	22·5
NORTH DISTRICTS	13,468	56	124,508	222,722	375,971	490,396	618,210	751,729	30·4	26·1	21·6
CENTRAL DISTRICTS	2,225	150	301,084	353,254	382,264	400,561	383,321	334,860	4·8	- 4·3	- 12·8
EAST DISTRICTS	5,948	107	178,635	271,323	392,444	485,522	571,158	639,111	23·7	17·6	11·9
SOUTH DISTRICTS	45,661	21	212,145	333,236	502,548	616,635	773,175	967,692	22·7	25·4	25·2
WEST DISTRICTS.											
1. KENSINGTON	7,650	37	20,465	36,205	74,779	120,004	185,950	283,153	60·5	55·0	52·3
2. CHELSEA	861	83	11,604	26,860	40,179	56,538	63,439	71,089	40·7	12·2	12·1
3. ST. GEO. HANOVER SQ.	2,051	76	64,323	85,787	123,264	138,839	185,984	185,986	12·6	12·3	- 0·0
4. WESTMINSTER	216	237	46,090	49,084	53,878	63,741	52,762	51,181	- 0·3	- 1·9	- 3·0
NORTH DISTRICTS.											
5. MARYLEBONE	1,506	106	63,982	96,040	138,164	157,696	161,680	180,254	14·1	2·5	- 1·5
6. HAMPSTEAD	2,248	14	4,343	7,263	10,093	11,986	19,106	32,281	18·8	50·4	60·0
7. PANCRAS	2,672	83	31,779	71,838	129,763	166,956	198,788	221,465	28·7	19·1	11·4
8. ISLINGTON	3,107	69	10,212	22,417	55,690	95,329	155,341	213,778	71·2	63·0	37·6
9. HACKNEY	3,935	32	14,192	25,164	42,261	58,429	88,295	124,951	38·3	42·6	50·0
CENTRAL DISTRICTS.											
10. ST. GILES	245	219	36,502	51,793	54,292	54,214	54,076	58,556	- 0·1	- 0·3	- 1·0
11. STRAND	433	95	50,719	55,020	82,177	51,722	48,242	41,239	- 0·9	- 6·7	- 14·3
12. HOLBORN	816	200	84,895	121,244	151,046	165,454	167,616	163,491	9·5	1·3	- 2·5
13. LONDON CITY	731	104	128,963	125,197	124,749	129,171	113,387	75,983	3·5	- 12·2	- 33·0
EAST DISTRICTS.											
14. SHOREDITCH	648	106	34,766	52,066	83,432	100,257	129,364	127,164	31·0	18·4	- 1·7
15. BETHNAL GREEN	755	159	22,310	45,676	74,088	90,193	105,101	120,104	21·7	16·5	14·3
16. WHITECHAPEL	405	190	57,202	68,932	71,765	79,759	78,970	76,573	11·1	- 1·0	- 3·0
17. ST. GEO.-IN-THE-EAST	244	197	21,170	32,528	41,350	48,376	48,891	48,052	17·0	1·1	- 1·7
18. STEPNEY	569	101	25,061	29,413	45,379	54,173	56,572	57,690	19·4	4·4	2·0
19. MILE END OLD TOWN	679	137	9,348	22,876	45,308	56,602	73,064	98,152	24·9	29·1	27·5
20. POPLAR	2,648	44	8,278	18,982	31,122	47,162	79,196	116,376	51·5	67·9	46·9
SOUTH DISTRICTS.											
21. ST. SAVIOUR SOUTHWARK	1,170	150	62,669	99,562	134,225	152,371	173,900	175,049	13·5	14·1	0·1
22. ST. OLAVE SOUTHWARK	1,725	71	46,281	57,148	68,701	85,908	101,913	122,398	24·2	19·5	20·1
23. LAMBETH	4,059	51	27,985	57,688	115,888	139,325	162,044	208,342	20·2	16·3	28·6
24. WANDSWORTH	11,740	11	17,648	27,490	39,855	50,764	70,403	125,060	27·4	38·7	77·6
25. CAMBERWELL	4,450	25	7,059	17,876	39,868	54,667	71,488	111,306	37·1	30·8	55·7
26. GREENWICH	3,800	26	32,621	41,530	55,212	66,908	85,975	100,600	21·3	28·3	17·0
27. LEWISHAM	11,436	5	6,085	10,899	16,946	21,184	31,970	51,557	25·0	51·0	61·2
28. WOOLWICH	7,281	10	11,797	21,093	31,853	46,018	75,473	73,380	44·5	64·0	- 2·8

* These Areas were supplied to the Registrar General by the Ordnance Survey Department, and include 2718 acres of tidal water, or river Thanies. For area of the Parks in and about London see Table 25.

† The population of London in 1821 included 536 militiamen on duty, who were not returned in any sub-districts.

‡ The population of London in 1841 included 3090 of the police, who were not returned in any sub-districts.

§ A decrease per cent. is indicated by the minus sign.

TABLE 16.—Deaths REGISTERED in the **London Districts**, and the **Mean Temperature**, in each of the 10 Years 1864-1873.

DISTRICTS.		Enum- rated POPU- LATION, 1871.	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873 (53 weeks)
Mean Temperature - - -	-	—	48°.5	50°.3	49°.8	48°.6	51°.5	49°.5	48°.7	48°.7	50°.7	49°.1
LONDON	- - -	3,254,260	78,238	73,531	80,453	70,924	73,798	78,082	77,634	80,430	71,355	76,634
1 KENSINGTON	- - -	233,153	4944	4703	4837	5067	5298	5453	6006	5732	5398	5937
2 CHELSEA	- - -	71,089	1764	1652	1717	1568	1789	1772	1927	1877	1640	1717
3 ST. GEORGE HANOVER Sq.	-	155,036	4138	3885	3808	3612	3672	3620	3863	3928	3244	3400
4 WESTMINSTER	- - -	51,181	1185	1103	1178	1066	1092	1180	1252	1127	1002	1109
5 MARYLEBONE	- - -	159,254	4211	4070	4146	4125	3863	3984	3945	3852	3704	3747
6 HAMPSTEAD	- - -	32,281	372	408	396	411	400	459	550	1636	687	547
7 PANCRAS	- - -	221,465	5449	5254	5268	4851	4888	5067	5407	5456	4919	5276
8 ISLINGTON	- - -	213,778	4594	4017	5154	4509	4886	4937	5078	5048	4196	4519
9 HACKNEY	- - -	124,951	2148	2198	2405	2268	2247	2650	2476	3327	2814	2757
10 ST. GILES	- - -	53,556	1630	1591	1505	1435	1345	1459	1421	1269	1198	1167
11 STRAND	- - -	41,339	1529	1382	1320	1170	1253	1210	1263	1149	1041	1222
12 HOLBORN	- - -	163,491	4758	4344	4428	3985	4042	4201	4062	3878	3680	3985
13 LONDON CITY	- - -	75,983	3068	2619	2558	2253	2232	2316	2058	2018	1825	1896
14 SHOREDITCH	- - -	127,164	3648	3326	3436	2073	3242	3462	3210	3410	2959	3100
15 BETHNAL GREEN	- - -	120,104	3079	2780	3840	2778	2985	3252	2850	3029	2690	3110
16 WHITECHAPEL	- - -	76,573	2813	2549	3525	2350	2519	2627	2471	2469	2411	2471
17 ST. GEORGE-IN-THE-EAST	-	48,052	1588	1393	1881	1238	1238	1408	1273	1392	1083	1285
18 STEPNEY	- - -	57,690	1414	1373	1850	1176	1334	1492	1256	1266	1089	1287
19 MILE END OLD TOWN	-	93,152	1942	1845	2488	1884	1984	2245	1993	2229	1944	2133
20 POPLAR	- - -	116,376	2906	2046	3706	2476	2575	3050	2838	2942	3089	3311
21 ST. SAVIOUR SOUTHWARK	-	175,049	4856	4196	4724	4185	4270	4793	4379	4672	3850	4361
22 ST. OLAVE SOUTHWARK	-	122,398	3030	3026	3167	2982	3127	3703	3220	3519	3088	3543
23 LAMBETH	- - -	208,312	4265	4110	4190	4001	4386	4371	4615	5475	4713	5109
24 WANDSWORTH	- - -	125,060	1686	1818	2083	1951	2152	2390	2074	2877	2426	2581
25 CAMBERWELL	- - -	111,306	1851	1909	2056	2065	2262	2361	2377	2350	2340	2467
26 GREENWICH	- - -	100,600	2954	2550	2494	2266	2409	2438	2491	2241	2103	2354
27 LEWISHAM	- - -	51,557	671	623	782	691	773	794	894	817	825	825
28 WOOLWICH	- - -	73,380	1845	1566	1561	1508	1585	1388	1685	1445	1391	1453

NOTE.—The Deaths in this Table are compiled from the Abstracts which appear in the Registrar General's Annual Reports, excepting for the year 1873, in which the Deaths are derived from the Weekly Returns embracing 53 weeks.

TABLE 17.—Deaths in 149 Public Institutions, registered in 1851.

	DEATHS.	PUBLIC INSTITUTIONS.	SUB-DISTRICT in which the Public Institution is situated.	DEATHS.								
				TOTAL.	Males.	Females.	TOTAL.	Males.	Females.			
TOTAL DEATHS IN 149 PUBLIC INSTITUTIONS				13101	7350	5751	WORKHOUSES—continued.					
50 WORKHOUSES	7416	3801	3615				No. of Dist. and Sub-dist.					
12 PRISONS	62	46	16	Mile End Old Town	19	2. Mile End Old Town	173	74	99			
2 MILITARY ASYLUMS	66	66	—	Eastern	—	—						
34 GENERAL HOSPITALS	4148	2027	1521	Whitechapel (Children)	19	2. Mile End Old Town	1	—	—			
24 HOSPITALS FOR SPECIAL DISEASES	584	282	302	Eastern	—	—						
8 LYING-IN HOSPITALS	29	29	—	City of London (part of)	19	2. Mile End Old Town	1	—	—			
	56	30	26	Eastern	—	—						
4 MILITARY AND NAVAL HOSPITALS	207	198	9	20; 1. Bow	—	—	225	116	109			
3 HOSPITALS FOR FOREIGNERS	128	91	37	Poplar and Stepney Sick Asylum	20	1. Bow	409	234	175			
9 LUNATIC ASYLUMS	405	209	196	Stepney (Aged and Infirm)	20	1. Bow	23	14	9			
PUBLIC INSTITUTIONS.				Poplar	—	—	20; 2. Poplar	—	—	25	16	
SUB-DISTRICT in which the Public Institution is situated.				North Street Infirmary	—	2. Poplar	—	—	—	3	—	
WORKHOUSES.								DEATHS.				
No. of Dist. and Sub-dist.								TOTAL.	Males.	Females.		
Paddington	154	80	74	St. Saviour's (Christchurch)	21	1. Christchurch	108	103	5			
Kensington	176	95	81	Ditto (St. George's)	21	4. Borough Road	23	9	1			
Fulham	84	50	34	Ditto (Newington)	21	7. St. Peter Walworth	373	144	229			
Chelsea	131	63	68	St. Olave's	—	—	22	2. St. John Horsleydn.	81	39	42	
St. George's (Little Chelsea)	39	14	25	Ditto (Bermondsey)	22	4. St. Mary Magdalen	142	75	67			
Ditto (Mount-street)	41	22	19	Ditto (Rotherhithe)	22	6. Rotherhithe	35	14	21			
Ditto (Earl's Court Kensington)	204	100	104	Lambeth (Prince's-road)	23	4. Lambeth Church 2d	391	198	193			
Ditto (York-street)	73	43	30	Ditto (Lower Kennington Lane)	23	4. Lambeth Church 2d†	6	3	3			
Workhouse Infirmary (Pear Street)	3	1	2	Ditto (Supplementary, Vauxhall)	23	5. Kennington 1st‡	7	3	3			
Westminster	139	58	81	Ditto (for Children)	23	8. Norwood	—	—	9	5		
Marylebone (Workhouse and Infirmary)	486	261	225	Wandsworth and Clapham	24	2. Battersea	137	80	57			
Hampstead	25	11	14	Westminster Union In- dustrial Schools	—	2. Battersea	—	—	4	—		
Strand	77	52	25	Camberwell (Havil-street)	25	2. Camberwell	154	83	71			
Central London Sick Asylum (Supply.)	5	3	2	Ditto (Nazareth House)	25	3. Peckham	14	14	14			
Paneras	331	155	176	Greenwich	—	—	26	4. Greenwich East	210	109	101	
Highgate Infirmary (Central London Sick Asylum)	296	154	142	Lewisham	—	—	27	3. Lewisham Village	39	24	11	
Islington (Upper Holloway)	257	114	143	Woolwich Casual Ward	28	3. Woolwich Arsenal	1	1	1			
City of London	59	27	32	Woolwich	—	—	28	5. Plumstead East	93	41	51	
Holborn Infirmary (College House)	7	—	7	PRISONS. §				DEATHS.				
Hackney	128	62	66	Female Convict Prison	1	7. Fulham	—	—	5	—		
City of London	51	23	28	Millbank Penitentiary	3	4. St. John Westmnr.	6	4	2			
St. Giles	105	83	82	House of Correction	3	5. St. Margaret Westmnr.	6	—	—			
Holborn (Gray's Inn)	331	164	167	Pentonville, Model Prison (Males)	—	8. 1. Islington West	4	4	4			
Ditto (Clerkenwell)	112	64	48	City Prison (Holloway)	8	1. Islington West	1	1	1			
City of London	17	10	7	Middlesex House of Detention	—	12. 4. St. James Clerkenwll.	1	1	1			
Holborn (St. Luke's)	157	68	89	Middlesex House of Correction (Males)	—	12. 5. Amwell (Holborn)	27	27	27			
Shoreditch	272	136	133	City Prison (Newgate)	13	3. St. Sepulchre	1	1	1			
Bethnal Green	314	170	135	Convict Prison, Southwark	—	21. 4. Borough Road	—	—	—			
Whitechapel	338	185	153	County Prison	—	21. 6. Trinity Newington	1	1	1			
St. George-in-the-East	254	123	131	Convict Prison (Males)	23	7. Brixton	2	2	2			
Stepney (for Children)	3	2	1	County Prison	—	24. 3. Wandsworth	8	5	5			
MILITARY ASYLUMS.								DEATHS.				
NOTE.—The Workhouse Establishments printed in <i>italics</i> receive inmates from other Districts than those in which they are situated.								DEATHS.				
* Of the 39 deaths in the St. George's Workhouse (Little Chelsea), 19 occurring in the first six months of the year, were registered in Chelsea North-west sub-district, and the remaining 20, occurring in the latter half of the year, in Mayfair sub-district. See note to Table 13, p. xxiv.								DEATHS.				
† The first deaths in the new Lambeth Workhouse were registered in the week ending 20th December.								DEATHS.				
‡ The supplementary workhouse at Vauxhall was closed on the 27th September, and the inmates were removed to the new workhouse situated in Lower Kennington Lane.								DEATHS.				
§ The deaths of the children of prisoners are not included.								DEATHS.				

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the 53 Weeks ending Saturday, 3rd January 1874.

PUBLIC INSTITUTIONS.	SUB-DISTRICT in which the Public Institution is situated.	DEATHS.			PUBLIC INSTITUTIONS.	SUB-DISTRICT in which the Public Institution is situated.	DEATHS.								
		TOTAL.	Males.	Females.			TOTAL.	Males.	Females.						
GENERAL HOSPITALS.															
<i>No. of Dist. and Sub-dist.</i>															
Mary's - - - 1; 2. St. John Paddington	198	127	71		HOSPITALS FOR SPECIAL DISEASES—continued.										
West London - - - 1; 6. St. Paul Hammersm.	21	13	8		<i>No. of Dist. and Sub-dist.</i>										
Victoria (Children) - - 2; 1. Chelsea South	26	16	10		Central London Ophthalmic 7; 3. Gray's Inn Lane	-	1	1	-						
George's - - - 3; 3. Belgrave	309	220	89		Small-pox - - - 8; 1. Islington West	-	-	-							
Belgrave (Children) - - 3; 3. Belgrave	4	2	2		London Fever - - - 8; 1. Islington West	-	28	14	14						
Westminster - - - 3; 5. St. Margaret Westm.	139	82	57		Small-pox and Fever - - 9; 4. Hackney	-	122	63	59						
Invent, Carlisle-place { Hospital for Sick and 3; 5. St. Margaret Westm.	40	19	21		Royal Westr. Ophthalmic 11; 2. Charing Cross	-	2	1	1						
Depstitute Children) - }					National, for Paralysed } and Epileptic - - 12; 1. St. George the Martyr	-	3	2	1						
Middlesex - - - 5; 1. All Souls (Maryleb.)	308	171	137		St. Mark's (for Fistula) - 12; 8. Old Street	-	4	2	2						
Maranit Free - - - 5; 3. Rectory (Maryleb.)	11	-	11		Royal, for Diseases of } Chest - - - 12; 9. City-road	-	17	8	9						
Peter's Home (Kilburn) 6; 1. Hampstead - -	10	1	9		Royal London Ophthalmic 13; 9. Broad Street	-	-	-							
University College - - 7; 2. Tottenham Court	222	154	68		City of London, for Diseases of } the Chest - - 15; 2. Green	-	65	45	20						
Royal Free - - - 7; 3. Gray's Inn Lane	107	72	35		Royal South London Ophthalmic - - 21; 5. London Road	-	-	-							
Great Northern - - 8; 1. Islington West	26	19	7		Small-pox and Fever - - 23; 7. Brixton	-	133	62	71						
Invalid Asylum - - 9; 1. Stoke Newington	4	-	4												
Home for Incurables - 9; 4. Hackney	2	-	2												
Harrow Cross - - 11; 2. Charing Cross	150	98	52												
King's College - - 11; 4. St. Clement Danes	252	168	84												
London Homoeopathic { 12; 1. St. George the } Martyr	22	9	13												
John and St. Eliza- { 12; 1. St. George the } Martyr	10	1	18												
beth - - - - 12; 1. St. George the } Martyr	52	23	29												
Hospital for Sick Chil- { 12; 1. St. George the } Martyr	52	23	29												
ren - - - - 13; 1. St. Botolph	4	4	-												
Metropolitan Free - - 13; 1. St. Botolph	15	9	6												
Bartholomew's - - 13; 3. St. Sepulchre	492	308	184												
Invent Hospital - - 14; 2. St. Leonard Shore- } ditch - - - - }	2	-	2												
North-eastern Children's 14; 6. Haggerston East	18	10	8												
London - - - - 16; 5. Whitechapel Church	645	439	206												
West London Children's - - 18; 2. Ratcliff	52	27	25												
Borough - - - - 20; 1. Bow	42	40	2												
y's (part of) - - { 21; 2. St. Saviour	29	3	26												
22; 1. St. Olave	514	339	175												
Bulldog (Children) - - 21; 4. Borough-road	38	18	20												
Royal Infirmary for Chil- { 23; 1. Waterloo 1st	24	12	12												
ren and Women - - - - 23; 3. Lambeth Church 1st	333	214	119												
Thomas's - - - - 23; 3. Lambeth Church 1st	333	214	119												
British Home for In- { 24; 1. Clapham	6	2	4												
curables - - - - 24; 3. Wandsworth	12	7	5												
HOSPITALS FOR SPECIAL DISEASES.															
<i>for Syphilis</i> - - - 1; 1. St. Mary Paddington	6	-	6		LYING-IN HOSPITALS.										
Consumption and Dis- { 1; 4. Brompton	96	55	41		Queen Charlotte's - - { 5; 4. St. Mary { Women	17	-								
ease of Chest - - - - 1; 4. Brompton	96	55	41		(Marylebone) { Children	24	13	11							
Consumption (Chelsea Home) - - - - 2; 1. Chelsea South	2	2	-		St. Saviour's - - { 8; 2. Islington { Women	-	-								
- - - - 2; 2. Chelsea North-west	47	14	33		East - - { Children	12	5	7							
Royal Orthopaedic - - 3; 1. Hanover Square	-	-	-		British - - - { 10; 2. St. Giles { Women	3	-								
Hospital for Women - - 4; 4. St. Anne Soho	32	-	32		South - - { Children	5	2	3							
Peter's (for Stone, &c.) 5; 1. All Souls (Maryleb.)	5	5	-		City of London - - 12; 9. City Road { Women	4	-								
National Orthopaedic - - 5; 1. All Souls (Maryleb.)	1	-	1		(Marylebone) { Children	7	4	3							
New Hospital for Women 5; 4. St. Mary (Maryleb.)	2	-	2		General (York Road) - - { 23; 2. Waterloo { Women	5	-								
Consumptive Home - - 5; 4. St. Mary (Maryleb.)	4	-	4		2d - - { Children	8	6	2							
Diseases of Nervous System - - 5; 6. St. John (Maryleb.)	3	1	2												
North London Consump- { 6; 1. Hampstead	11	7	4												
tion - - - - 6; 1. Hampstead	11	7	4												
MILITARY AND NAVAL HOSPITALS.															
Guards' - - - - 3; 4. St. John Westminster	27	27	-		HOSPITALS FOR FOREIGNERS.										
Seamen's - - - - 26; 4. Greenwich East	110	108	2		French - - - - 4; 4. St. Anne Soho	11	7	4							
Herbert, part of - - { 27; 1. Eltham	-	-	-		German - - - - 9; 4. Hackney	101	78	23							
Garrison Female - - - 28; 3. Woolwich Arsenal	62	61	1		Spanish and Portuguese { 19; 2. Mile End Old Town	16	6	10							
					Jews - - - - 3. Eastern	-	-	-							
LUNATIC ASYLUMS.*															
Metropolitan Asylum { 6; 1. Hampstead	-	-	-		Metropolitan Asylum { 6; 1. Hampstead	53	18	35							
for Imbeciles - - - - 6; 1. Hampstead	-	-	-		St. Luke's Hospital - - 12; 9. City Road	15	9	6							
St. Luke's Hospital - - 12; 9. City Road	-	-	-		Hoxton House * - - 14; 2. St. Leonard	42	9	33							
Bethnal House * - - 15; 2. Green	-	-	-		Grove Hall * - - 20; 1. Bow	-	-	-							
Bethlem Hospital - - 21; 5. London Road	-	-	-		Bethlem Hospital - - 21; 5. London Road	17	9	8							
Surrey County - - 24; 3. Wandsworth	-	-	-		Surrey County - - 24; 3. Wandsworth	84	42	42							
Peckham House * - - 25; 2. Camberwell	-	-	-		Camberwell House * - - 25; 2. Camberwell	61	30	31							
Camberwell House * - - 25; 2. Camberwell	-	-	-			46	27	19							

* Private Lunatic Asylums are excluded from this list, except those in which pauper lunatics are received, which are marked with an asterisk; the Metropolitan Asylum for Imbeciles, St. Luke's Hospital, Bethlem Hospital, and the Surrey County, are the only Public Lunatic Asylums situated within the Metropolitan Registration area.

TABLE 18.—Deaths REGISTERED in the PUBLIC INSTITUTIONS of London, 1864–1873.

	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.
TOTAL DEATHS IN PUBLIC INSTITUTIONS	12731	12116	13054	12002	12326	12298	12300	14665	12029	13101
WORKHOUSES	7055	6715	7088	6829	6789	7068	6833	6675	6177	7416
PRISONS	125	99	95	90	75	83	78	76	57	62
MILITARY AND NAVAL ASYLUMS *	315	278	195	147	176	165	86	81	93	66
GENERAL HOSPITALS	3558	3354	3813	3291	3714	3480	3614	3796	3863	4148
HOSPITALS FOR SPECIAL DISEASES	982	1002	1167	929	933	849	981	3320	1128	584
LYING-IN HOSPITALS	24	26	22	31	15	13	31	16	29	
{ Women										
{ Children	48	42	50	51	46	41	40	37	60	56
MILITARY AND NAVAL HOSPITALS	215	176	146	177	163	170	200	218	195	207
HOSPITALS FOR FOREIGNERS	82	71	96	100	79	93	102	99	94	128
LUNATIC ASYLUMS	327	353	382	357	336	336	335	347	346	405

* Previous to the year 1870, the Royal Naval Hospital at Greenwich was classed with the "Military and Naval Asylums"; it was then closed for the reception of In-pensioners.

TABLE 19.—Deaths in London; and Meteorology at Greenwich Observatory. (a)

YEARS.	Total Number of Deaths.	Mean Temperature of Air.	Dryness of Atmosphere.*	Fall of Rain in Inches.	Mean Hourly † Amount of Horizontal Movement of the Air by Robinson's Anemometer.
Averages of 34 Years, 1840–1873.	63,022	49°3	5°6	24°2	Miles. § 11
Averages of 10 Years, 1840–1849.	51,076	49°3	5°1	24°3	—
Averages of 10 Years, 1850–1859.	59,699	49°3	5°9	23°2	10
Averages of 10 Years, 1860–1869.	72,086	49°5	5°7	25°3	11
1840	46281	47°7	—	18°3	—
1841	45284	48°7	5°0	33°3	—
1842	45272	49°6	4°6	22°6	—
1843	48574	49°4	3°7	24°6	—
1844	50423	48°6	4°9	24°9	—
1845	48532	47°6	4°4	22°4	—
1846	49089	51°3	5°1	25°3	—
1847	60442	49°5	5°4	17°8	—
1848	57628	50°4	6°4	30°2	—
1849	68432	50°0	6°6	23°9	—
1850	48579	49°3	6°1	19°7	11
1851	55354	49°2	6°5	21°6	10
1852	54213	50°6	7°4	34°2	11
1853	61202	47°7	6°2	29°0	10
1854	73697	48°9	4°7	18°7	10
1855	61806	47°1	4°5	21°1	10
1856	56786	49°0	5°6	22°2	11
1857	60150	51°0	5°2	21°4	9
1858	63882	49°2	6°5	17°8	10
1859	61617	50°7	6°0	25°9	10
1860	61821	47°0	4°6	32°0	10
1861	65001	49°4	5°0	20°8	10
1862	66950	49°5	4°7	26°2	10
1863	72346	50°3	6°0	20°0	10
1864	77723	48°5	7°0	16°7	10
1865	73460	50°3	6°2	29°0	9
1866	80129	49°8	5°6	30°5	11
1867	70588	48°6	5°6	28°4	12
1868	74908	51°6	6°8	25°2	12
1869	77933	49°5	5°7	24°0	12
1870	77278	48°7	6°7	18°5	11
1871	80332	48°7	6°0	22°3	10
1872	70893	50°7	5°5	30°0	12
1873	76634	49°1	5°4	23°4	12

NOTE.—This Table does not include the deaths in Wandsworth and Clapham for the years 1840–8; nor the deaths in Hammersmith and Lewisham for 1840–6.

(a) The deaths in this Table as well as the Meteorology are compiled from the Registrar General's Weekly Returns, which embrace 364 days, or for six years (1847, 1853, 1857, 1862, 1868, and 1873) 371 days; for this reason the figures differ from those which relate to complete years from 1st January to 31st December, published in other Tables.

* The column headed "Dryness of Atmosphere" is the difference between the dew point temperature and air temperature. The dew point temperature, for any year, may be obtained by subtracting the number in the column, headed "dryness" from the mean temperature in the same period.

† For the years 1850–59 the results are only approximative, having been reduced to Robinson's anemometer from observations made with Whewell's.

‡ Average of 33 years.

§ Average of 24 years.

|| Average of 9 years.

TABLE 20.—Temperature at Greenwich, Total Deaths, and Deaths under One Year and at Six groups of Ages in London, in each Week of the Year 1873.

POPULATION estimated to the middle of 1873				3,356,073	100,716	385,406	996,955	1,119,753	594,663	195,726	12,854
WEEK ENDING	TEMPERATURE.			AGES AT DEATH.							
	Mean.	Highest Reading by Day.	Lowest Reading by Night.	ALL AGES.	Under 1 Year of Age.	1-5	5-20	20-40	40-60	60-80	80 and up- wards.
YEAR (of 53 Weeks)	° 40.1	° 88.7	° 22.1	76,634	19,256	12,533	4,495	10,377	13,180	13,901	2,392
March Quarter	39.6	64.6	25.0	18,970	3,980	2,503	1,051	2,691	3,559	4,253	933
June	51.5	81.2	28.7	16,690	3,661	2,735	1,087	2,466	3,080	3,110	601
September	60.6	88.7	38.2	18,234	6,463	3,025	1,052	2,149	2,695	2,356	494
December (14 weeks.)	44.9	75.1	22.1	22,740	5,152	4,270	1,305	3,071	3,896	4,182	864
1873.											
January	4	45.2	52.6	38.7	1212	282	136	75	188	246	224
"	11	47.9	53.8	40.0	1202	289	137	61	195	199	264
"	18	46.1	52.2	37.1	1143	263	160	64	183	215	210
"	25	37.4	50.9	26.0	1247	268	180	86	206	227	250
February	1	33.3	43.1	27.0	1336	284	174	74	200	263	284
"	8	32.9	40.8	25.8	1554	298	189	86	194	319	403
"	15	36.0	45.1	30.6	1620	356	221	87	219	292	390
"	22	33.4	46.8	27.8	1664	313	230	87	238	324	384
March	1	36.0	50.1	25.0	1790	354	198	77	249	350	464
"	8	43.3	59.0	34.3	1617	315	217	83	199	319	382
"	15	38.6	52.2	27.2	1499	308	222	84	202	276	337
"	22	39.1	49.5	32.0	1546	330	224	89	231	269	319
"	29	45.3	64.6	31.0	1540	340	235	98	187	261	342
April	5	48.6	63.4	37.0	1438	328	244	98	196	242	260
"	12	41.7	56.8	33.8	1421	336	208	85	214	250	275
"	19	52.1	76.8	37.1	1603	364	264	95	225	297	301
"	26	42.5	64.6	28.7	1252	305	189	88	156	227	230
May	3	48.5	68.6	36.8	1326	265	230	89	180	241	273
"	10	48.4	67.5	40.0	1355	284	221	74	204	248	283
"	17	50.1	70.6	34.1	1271	266	212	83	224	228	213
"	24	49.6	69.6	34.0	1213	256	219	84	177	219	210
"	31	53.4	70.9	40.7	1182	261	198	75	165	210	223
June	7	55.4	74.6	42.0	1219	262	204	80	187	222	226
"	14	56.8	72.9	45.1	1090	229	177	86	163	224	187
"	21	60.4	78.1	46.7	1191	257	198	74	185	223	222
"	28	62.0	81.2	45.8	1129	248	171	76	199	207	38
July	5	61.6	81.0	50.5	1198	305	206	88	159	218	192
"	12	62.6	81.9	49.7	1181	344	170	79	196	211	149
"	19	59.4	75.6	46.4	1881	519	232	72	162	197	164
"	26	65.8	88.7	52.8	1609	584	266	90	188	225	219
August	2	63.7	88.6	49.9	1508	650	234	91	135	186	174
"	9	66.0	87.3	53.0	1711	748	276	78	156	223	180
"	16	63.5	85.6	48.0	1608	664	273	91	162	211	178
"	23	60.0	74.7	49.1	1546	606	285	75	174	197	169
"	30	61.9	77.5	47.9	1477	540	239	75	183	209	183
September	6	56.0	70.8	44.5	1286	440	215	86	157	189	159
"	13	55.0	67.2	41.3	1319	405	242	77	163	218	179
"	20	55.0	69.7	43.8	1233	357	196	92	145	225	180
"	27	54.4	72.5	38.2	1177	301	191	58	169	186	230
October	4	57.2	75.1	41.8	1386	349	234	84	189	243	234
"	11	52.0	66.1	32.8	1247	318	221	81	186	218	187
"	18	48.4	61.7	34.1	1283	342	208	76	190	221	209
"	25	44.8	58.5	31.2	1404	341	261	79	214	235	237
November	1	38.9	54.6	26.7	1653	394	327	100	228	273	265
"	8	44.9	55.2	28.7	1832	454	347	88	251	304	318
"	15	40.8	48.3	25.8	1636	390	338	97	195	260	305
"	22	43.3	53.4	35.7	1674	422	318	118	207	264	276
"	29	48.0	57.0	35.6	1585	352	319	85	226	244	303
December	6	43.3	52.1	32.2	1484	370	304	101	173	236	243
"	13	33.6	49.9	22.1	1759	329	333	90	261	331	351
"	20	45.4	56.3	33.1	2415	409	427	126	304	452	586
"	27	42.9	51.7	33.0	1540	281	292	84	221	290	286
(1874) Jan. 3	39.0	50.7	22.1	1842	401	341	96	226	325	382	71

TABLE 21.—Births and Deaths Registered in London; and Meteorology at Greenwich, in each of the 53 Weeks of 1873.

No. of Week.	Week ending	BIRTHS.			DEATHS.			Mean Tem- pera- ture of the Air.	Mean of the		Dryness of Atmo- sphere.*	Fall of Rain in Inches.	Mean Hour Anomalous Horizontal Movement of the Air each Week.
		Total.	Males.	Females.	Total.	Males.	Females.		Highest Readings of the Thermo- meter.	Lowest Readings of the Thermo- meter.			
1	January 4	2777	1380	1397	1212	617	595	45°2	49°5	40°3	3°3	0°80	18
2	" 11	2587	1310	1277	1202	618	584	47°9	52°0	44°4	4°5	0°92	21
3	" 18	2337	1318	1219	1143	588	555	46°1	50°2	42°4	4°0	0°26	18
4	" 25	2404	1222	1182	1247	654	593	37°4	43°8	32°4	3°7	0°62	15
5	Feb. 1	2450	1179	1271	1336	685	651	33°3	37°4	29°8	4°9	0°02	11
6	" 8	2335	1201	1134	1554	778	776	32°9	36°3	30°2	2°7	0°59	16
7	" 15	2481	1244	1237	1620	799	821	36°0	41°0	32°4	4°7	0°04	13
8	" 22	2315	1179	1136	1664	822	842	33°4	37°4	30°9	3°9	0°08	5
9	March 1	2334	1150	1184	1790	916	874	36°0	43°8	30°0	3°3	1°44	13
10	" 8	2536	1312	1224	1617	835	782	43°3	51°8	37°5	4°1	0°24	13
11	" 15	2509	1300	1209	1499	799	700	38°6	46°1	33°2	4°1	0°40	15
12	" 22	2348	1202	1146	1546	753	793	39°1	45°7	33°1	3°7	0°31	17
13	" 29	2481	1263	1218	1540	766	774	45°3	59°9	34°3	3°9	0°01	6
14	April 5	2368	1216	1152	1438	770	668	48°6	59°2	39°5	6°1	0°21	10
15	" 12	2220	1171	1049	1421	746	675	41°7	51°4	36°5	6°0	0°14	15
16	" 19	2312	1146	1166	1603	808	795	52°1	65°4	42°2	7°9	0°06	8
17	" 26	2359	1195	1164	1252	652	600	42°5	55°1	34°0	8°0	0°07	12
18	May 3	2348	1146	1197	1326	670	656	48°5	60°1	40°5	6°5	0°27	14
19	" 10	2192	1102	1090	1355	669	686	48°4	60°0	41°2	5°3	0°90	10
20	" 17	2179	1119	1060	1271	626	645	50°1	61°6	41°6	7°4	0°15	11
21	" 24	2089	1030	1009	1213	634	579	49°6	60°1	41°7	5°4	0°27	13
22	" 31	2094	1075	1019	1182	588	594	53°4	66°2	44°5	9°0	0°17	9
23	June 7	1969	959	950	1219	607	612	55°4	65°6	48°1	5°6	0°68	12
24	" 14	2207	1115	1092	1090	581	509	56°8	68°2	49°0	6°6	0°26	8
25	" 21	2054	1080	974	1191	653	538	60°4	72°6	52°3	6°3	0°76	8
26	" 28	2105	1078	1027	1129	578	551	62°0	73°9	53°4	9°0	0°00	14
27	July 5	2151	1088	1063	1198	631	567	61°6	72°2	54°6	5°9	0°98	10
28	" 12	2217	1142	1075	1181	578	603	62°6	76°2	52°7	9°3	0°49	10
29	" 19	2242	1190	1052	1381	726	655	59°4	71°5	50°8	6°7	1°21	14
30	" 26	2187	1060	1077	1609	825	784	68°8	83°0	57°4	10°4	0°03	8
31	August 2	2299	1199	1100	1508	779	729	63°7	78°1	63°8	10°0	0°27	11
32	" 9	2174	1151	1023	1711	889	822	66°0	79°6	56°7	10°0	0°45	12
33	" 16	2326	1109	1127	1608	867	741	63°5	75°9	54°8	8°5	0°55	13
34	" 23	2189	1136	1053	1546	820	726	60°0	72°0	51°8	7°6	0°65	10
35	" 30	2160	1096	1064	1477	735	742	61°9	71°7	54°4	7°5	1°20	13
36	Sept. 6	2248	1131	1117	1286	688	598	56°0	65°8	49°3	4°7	0°51	10
37	" 13	2256	1125	1131	1319	648	671	55°0	64°1	47°2	5°1	1°10	12
38	" 20	2178	1082	1096	1233	655	578	55°0	64°8	47°7	5°6	0°97	15
39	" 27	2333	1137	1096	1177	574	603	54°4	67°1	42°3	7°4	0°00	6
40	October 4	2234	1162	1072	1386	706	630	57°2	67°6	48°9	4°7	0°00	7
41	" 11	2154	1088	1071	1247	638	609	52°0	60°9	44°5	3°4	0°52	13
42	" 18	2434	1274	1160	1283	645	638	48°4	58°3	40°9	4°3	1°29	7
43	" 25	2176	1101	1075	1404	694	710	44°8	52°0	38°8	3°4	0°71	14
44	Nov. 1	2470	1263	1207	1655	867	786	38°9	48°9	31°3	3°5	0°32	12
45	" 8	2458	1235	1223	1832	926	906	44°9	52°5	37°7	2°7	1°46	7
46	" 15	2377	1196	1181	1636	779	857	40°8	47°0	35°3	3°5	0°20	12
47	" 22	2353	1217	1136	1674	892	782	43°3	47°4	39°9	4°7	0°18	10
48	" 29	2222	1127	1095	1585	769	816	48°0	53°4	42°8	4°6	0°44	18
49	Dec. 6	2271	1169	1102	1484	728	756	43°3	47°7	38°2	3°3	0°00	10
50	" 13	2058	1047	1011	1759	894	865	33°6	38°4	28°3	2°5	0°00	4
51	" 20	2404	1211	1195	2415	1161	1254	45°4	50°0	40°4	3°0	0°06	14
52	" 27	1702	879	823	1540	773	767	42°9	48°5	37°3	3°8	0°17	14
53	(1874) Jan. 3	2592	1300	1292	1842	902	940	39°0	44°9	32°8	2°9	0°33	14

* The column headed "Dryness of Atmosphere" is the difference between the dew point temperature and air temperature. The mean dew point temperature, for any week, may be obtained by subtracting the number in the column headed "dryness" from the mean temperature in the same period.

† By Robinson's Anemometer, adopted in place of Whewell's, which was used formerly.

TABLE 22.—Greenwich Meteorological Elements for the Year 1873. By J. GLAISHER, Esq., F.R.S.

1873. MONTHS.	Mean Reading of the Barometer.	TEMPERATURE OF THE AIR.					Departure from Average of 102 Years (1771-1872.)	Mean Temperature of the Dew Point.	Mean Tension of Vapour.	Weight of Vapour in a Cubic Foot of Air.	Mean additional Weight required for Saturation.	Mean Degree of Humi- dity. Saturation = 100.	RELATIVE PROPORTIONS OF WIND.				Rain- fall.	
		Highest by Day.	Lowest by Night.	Range in Month.	Mean of all Highest.	Mean of all Lowest.							N.	E.	S.	W.		
January	in.	53°2	26°0	27°8	46°8	38°0	5°8	42°1	+5°8	38°2	0°231	2°7	0°5	87	54°6	1	6°12	12
February	29°901	50°1	25°0	25°1	39°2	20°8	8°4	34°3	-4°3	30°3	0°169	2°0	0°4	85	56°1	7	9°5	11
March	-29°628	64°2	27°2	37°4	51°3	35°2	16°1	41°9	+0°9	38°2	0°231	2°6	0°4	87	54°7	7	11°6	6
April	-29°822	76°8	28°7	48°1	57°4	37°9	19°5	45°9	-0°1	38°9	0°237	2°8	0°8	78	54°6	12	9°3	6
May	-29°795	70°9	34°0	36°9	62°3	42°5	19°8	50°6	-2°0	43°7	0°285	3°3	0°9	78	54°6	10	5°5	11
June	-29°794	81°2	42°0	39°2	70°2	51°0	19°2	58°9	+0°7	52°1	0°389	4°3	1°3	78	53°1	6	5°7	12
July	-29°783	88°7	46°4	42°3	76°6	53°9	22°7	63°4	+1°8	54°9	0°431	4°8	1°7	74	53°2	2	11°6	6°0
August	-29°765	87°3	47°9	39°4	74°7	54°4	20°3	62°7	+1°1	54°4	0°424	4°7	1°6	75	53°7	2	10°10	14°3
September	-29°792	75°8	38°2	34°3	65°2	46°1	19°1	54°7	-1°8	49°0	0°348	4°0	0°8	81	53°6	5	7°12	5°6
October	-29°685	75°1	26°7	48°4	57°0	49°6	16°4	47°8	-1°8	42°9	0°290	3°3	0°5	88	54°2	5	10°10	12°9
November	-29°708	50°7	25°8	31°2	50°1	38°8	11°3	44°2	+1°9	40°8	0°250	2°9	0°5	86	54°6	5	10°7	8°4
December	-30°107	56°3	22°1	34°2	45°6	35°2	10°4	40°6	+1°5	37°6	0°225	2°6	0°4	90	55°8	3	9°17	7°2
Means	29°780	69°5	32°5	37°0	58°0	42°0	16°0	48°9	+0°4	43°5	0°203	3°3	0°8	82	54°2	68	71°02	134°6
															71°02	134°6	144°23°	Sum. Sum.

A second column of figures is given for the months of January, February, March, April, May, June, July, August, September, October, November, and December.

TABLE 23.—METEOROLOGICAL TABLE FOR LONDON, 1873.

(Deduced from Observations, at Greenwich, under the Superintendence of the Astronomer Royal, and compiled from Quarterly Tables, furnished to the Registrar General by James Glaisher, Esq., F.R.S.)

In this Table, + and - respectively signify that the numbers in the preceding column are above or below the averages to the extent of the quantities to which these signs are prefixed.

TABLE 24.—THE GREATEST LONDON; OR THE REGISTRATION DISTRICTS OR SUB-DISTRICTS WITHIN THE METROPOLITAN AND CITY POLICE DISTRICTS.

No.	DISTRICTS or SUB-DISTRICTS.*	AREA in Statute Acres, including Thames Area and Foresore.	ENUMERATED POPULATION.		Average Annual Mortality† per 1,000 in the 10 Years 1861-70.	Annual Rate of Mortality in 1873.
			1861.	1871.		
	METROPOLITAN AND CITY POLICE DISTRICTS - - - - -	451,755	3,223,942	3,887,469	23·6	21·5
	Registration London - - - - -	78,080	2,803,989	3,254,260	24·3	22·5
	Districts outside Registra- tion London - - - - -	373,675	419,953	633,209	18·8‡	16·9‡
	Districts outside Registra- tion London:					
29-1 & 2	Carshalton and Epsom - - - - -	24,850	16,249	23,574	16·7	13·3
37	Croydon - - - - -	32,548	46,474	83,853	18·8	15·5
38	Kingston - - - - -	25,037	36,479	55,929	18·1	15·8
39	Richmond - - - - -	5,282	18,802	26,145	19·1	17·1
40	Bromley - - - - -	40,338	20,368	32,184	16·4	15·5
41-1	Bexley - - - - -	18,439	13,026	19,566	18·1	13·4
123	Staines - - - - -	24,332	15,976	20,199	17·6	17·2
124	Uxbridge - - - - -	26,794	23,155	25,538	19·9‡	19·6‡
125	Brentford - - - - -	21,253	50,534	71,933	20·1	17·9
126	Hendon - - - - -	33,568	19,220	37,160	18·4	15·5
127	Barnet - - - - -	25,530	19,128	25,169	16·7‡	16·1‡
128	Edmonton - - - - -	47,327	50,312	84,855	18·5	18·8
136-1	Bushey - - - - -	9,028	4,928	6,472	17·9	15·0
185	West Ham - - - - -	19,120	59,319	99,142	20·4	18·5
186-1	Chigwell - - - - -	12,659	5,987	8,967	16·7	13·1
188-2 & 3	Ilford and Barking Town - - - - -	12,620	10,996	12,523	19·5	17·8

* These are entire Districts or Sub-districts, and they therefore contain the six Parishes of Ashstead, Esher, Cudham, Knockholt, Chelsfield, and Thoynon Bois (population 6166 in 1871) which are *not within* the *Metropolitan Police District*; and *do not contain* the four Parishes of Warlingham, Farley, Northaw, and Dagenham (population 4338 in 1871), which are within the said District. The Population of the above Districts and Sub-districts corresponds within 1828 with that of the *Metropolitan and City Police Districts*.

† These Rates of Mortality are calculated on the Mean of the Populations enumerated in 1861 and 1871, and the Average Annual Deaths in the Ten Years 1861-70.

‡ These Rates of Mortality have been *corrected* for the Deaths occurring in the Middlesex County Lunatic Asylums at Hanwell and Colney Hatch, situated in Uxbridge and Barnet Districts respectively. The deaths in the two Asylums in the 10 Years 1861-70 were 3549, of which it has been assumed that 3271 belong to the Middlesex part of London, and the remainder, 278, to the outlying Districts.

TABLE 25.—AREA in Acres of the PUBLIC PARKS in and about LONDON.

(Supplied from the Ordnance Survey Department by Major-General Sir Henry James.)

NAME.	TOTAL.	LAND.	WATER.	NAME.	TOTAL.	LAND.	WATER.
METROPOLITAN AND CITY POLICE DISTRICTS - - - - -	6118·924	5925·168	193·756	Within Registration London —continued.			
Within Registration London -	1852·816	1740·917	111·899	Southwark Park - - - - -	62·980	62·980	..
Without Registration London	4266·108	4184·251	81·857	Battersea Park - - - - -	199·381	182·301	17·080
Within Registration London:				Kennington Park - - - - -	19·665	19·665	..
St. James's Park - - - - -	58·502	45·402	13·010	Greenwich Park - - - - -	190·422	189·250	1·172
Regent's Park - - - - -	406·259	386·444	19·815	Without Registration London:			
Victoria Park - - - - -	223·774	211·808	11·966	Richmond Park - - - - -	2015·476	1987·288	23·188
Hyde Park - - - - -	385·984	354·360	31·624	Royal Gardens, &c., Kew - - - - -	322·811	314·299	8·512
Kensington Gardens - - - - -	245·546	228·314	17·232	Old Deer Park - - - - -	357·216	352·398	4·818
Green Park - - - - -	60·303	60·303	..	Bushey Park - - - - -	993·947	973·570	20·377
				Hampton Court Park - - - - -	576·658	556·696	19·962

Table 26.—Number of Houses, &c., supplied by the several London Water Companies during each Month of the Year 1873; also the Average Daily Supply of Water in Gallons by the several COMPANIES during each Month. (Compiled from Returns furnished by the several Companies during the Year.)

COMPANIES.		NUMBER OF HOUSES, &c., SUPPLIED IN											
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Total Houses supplied		501,222	501,476	501,745	503,127	503,562	504,034	504,579	504,905	505,235	506,595	508,792	506,385
FROM THAMES		234,093	234,274	234,462	235,639	235,854	236,267	236,666	236,806	237,072	237,894	238,056	238,248
FROM LEA AND OTHER SOURCES		267,129	267,202	267,283	267,588	267,708	267,767	268,013	268,099	268,233	268,701	268,736	268,737
FROM THAMES.													
CHISWICK		28,247	28,247	28,270	28,270	28,270	28,270	28,270	28,270	28,270	28,395	28,395	28,395
WEST MIDDLESEX		44,284	44,330	44,421	44,565	44,690	44,810	44,968	44,968	45,041	45,157	45,217	45,330
SOUTHWARK AND VAUXHALL		79,116	79,147	79,152	79,194	79,236	79,395	79,461	79,461	79,508	79,515	79,515	79,515
GRAND JUNCTION		33,500	33,500	33,500	34,243	34,243	34,243	34,243	34,243	34,243	34,718	34,718	34,718
LAMBETH		48,946	48,950	49,050	49,267	49,416	49,548	49,685	49,685	50,012	50,214	50,214	50,290
FROM LEA AND OTHER SOURCES.													
NEW RIVER		120,737	120,810	120,891	121,015	121,135	121,194	121,391	121,477	121,601	121,774	121,810	121,810
EAST LONDON		104,637	104,637	104,637	104,637	104,637	104,637	104,681	104,681	104,681	104,681	104,681	104,681
KENT		41,755	41,755	41,755	41,755	41,755	41,936	41,936	42,141	42,141	42,446	42,446	42,446
AVERAGE DAILY SUPPLY OF WATER IN GALLONS DURING THE MONTH OF													
COMPANIES.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Total Quantities supplied		102,833,921	100,703,407	102,837,488	109,807,217	115,893,925	120,204,176	126,144,369	126,240,210	118,874,212	115,326,807	110,814,481	109,367,072
FROM THAMES		54,130,405	53,403,407	55,236,689	57,857,844	60,520,925	62,757,259	64,673,369	65,439,555	62,863,734	60,846,270	58,864,363	57,938,124
FROM LEA AND OTHER SOURCES		47,923,516	47,300,000	47,000,000	51,949,373	55,372,500	57,446,917	61,471,000	60,500,635	56,007,473	54,480,537	51,950,118	51,428,948
FROM THAMES.													
CHISWICK		8,074,500	7,519,800	7,772,900	8,201,700	8,442,800	8,566,000	9,063,400	8,893,500	8,371,000	8,339,700	7,907,400	7,725,700
WEST MIDDLESEX		8,762,533	8,593,461	8,686,692	9,019,458	9,644,036	10,180,458	10,756,739	10,56,916	9,590,863	9,393,704	8,941,474	8,663,544
SOUTHWARK AND VAUXHALL		16,440,515	16,461,755	17,157,496	17,754,636	17,786,818	18,265,468	18,902,041	19,445,131	19,496,752	19,496,676	19,006,250	18,889,166
GRAND JUNCTION		10,630,357	10,373,591	10,918,091	11,319,550	12,280,271	12,346,633	12,534,639	12,733,808	11,821,919	11,555,250	11,488,339	10,801,914
LAMBETH		10,202,500	10,448,800	10,701,400	11,582,500	12,387,000	13,393,700	13,276,500	13,588,200	13,579,200	12,464,900	11,529,700	11,698,800
FROM LEA AND OTHER SOURCES.													
NEW RIVER		21,337,000	21,243,000	21,172,000	22,147,000	25,369,000	26,295,000	28,243,000	28,537,000	23,602,000	25,901,000	24,538,000	24,177,000
EAST LONDON		20,161,000	19,970,000	20,558,000	23,707,900	23,312,600	24,995,000	25,782,000	25,071,930	22,635,550	22,389,525	21,177,398	20,838,503
KENT		6,425,516	6,087,000	5,870,999	6,004,473	6,690,900	7,056,317	7,446,000	7,191,705	6,290,012	6,236,520	6,213,355	6,213,355

Note.—The quantities of water in the above Table include the supply for various purposes other than for domestic consumption.

TABLE 27.—Average Number of Houses, &c. supplied by the several **London Water Companies** during the Year 1873; the **Average Daily Supply of Water** in GALLONS, and in CUBIC METRES* for ALL PURPOSES, in GALLONS for DOMESTIC PURPOSES, and the NUMBER of GALLONS supplied to each HOUSE. (Compiled from Returns furnished by the several Water Companies during the Year.)

WATER COMPANIES.	AVERAGE NUMBER of HOUSES supplied during the Year.	AVERAGE DAILY SUPPLY OF WATER DURING THE YEAR IN				
		Gallons.†	Cubic Metres.†	Gallons used for Domestic purposes (estimated).	Gallons used for Domestic purposes daily to each House.	
					1872.	1873.
Total	504,193	113,188,899	514,269	92,814,897	178	184
FROM THAMES	236,261	59,544,562	270,538	48,826,541	200	207
FROM LEA AND OTHER SOURCES	267,932	53,644,337	243,731	43,988,356	159	164
FROM THAMES.						
CHELSEA	28,296	8,234,950	37,415	6,752,659	252	239
WEST MIDDLESEX	44,811	9,401,316	42,714	7,709,080	178	172
SOUTHWARK AND VAUXHALL	79,348	18,275,892	83,036	14,986,231	171	189
GRAND JUNCTION	34,176	11,543,471	52,447	9,465,646	279	277
LAMBETH	49,630	12,088,933	54,926	9,912,925	185	200
FROM LEA AND OTHER SOURCES.						
NEW RIVER	121,304	24,629,917	111,905	20,196,532	166	166
EAST LONDON	104,550	22,484,976	102,160	18,437,680	160	176
KENT	42,069	6,520,444	29,666	5,354,144	135	127
Columns		1.	2.	3.	4.	5.
						6.

Note.—According to returns of the London Water Companies made to the Select Committee on East London Water Bills (Session 1867), it is estimated that during the year 1866 about 82 per cent. of the total supply of water for all purposes was for domestic use; this proportion has been applied in estimating the quantities for the year 1873 in column 4., showing the gallons probably used for domestic purposes.

The average daily quantity of water supplied by the London Companies during the year 1873 was 113,188,899 gallons (514,269 cubic metres, equal to about as many *tuns* by measure, *tuns* by weight), of which about 92,814,897 gallons (421,701 cubic metres) were probably used for domestic purposes. The quantity used daily for domestic purposes was 83·6 decalitres to each house and 11·8 decalitres (=25·9 gallons) to each person. The water companies in their returns reckon uninhabited as well as inhabited houses.

* A cubic metre is equal in volume to 35·3 cubic feet, or to 220·09668 imperial gallons. It is nearly equivalent to the old English *tun* of four hogsheads, holding 35·248 cubic feet. It is in general use on the Continent; and its volume of water weighs a metric ton, differing inconsiderably in weight from the ton in common use. It is equal to 100 decalitres. One decalitre equals 2·009668 gallons.

† The quantities of water in columns 2. and 3. include the supply for various purposes other than for domestic consumption.

REPORT on the ANALYSIS of the WATERS supplied by the METROPOLITAN WATER COMPANIES during the several MONTHS of the YEAR 1873. By Professor FRANKLAND, D.C.L., F.R.S., &c.

Royal College of Chemistry,

28th January 1874.

SIR,

I HAVE to submit to you in the following Tables a summary of the results obtained in the analytical examinations of the water's supplied to London by the eight Metropolitan Companies, during the year 1873, supplemented by observations of temperature and of clearness or turbidity, together with microscopic examinations of the sediments deposited by the turbid samples.

Table A. shows the temperature of the water flowing from the Companies' mains when the samples were taken. The water from the three different sources supplied to London exhibited the following variations of temperature :—

The temperature of Thames water supplied by the Chelsea, West Middlesex, Grand Junction, Southwark, and Lambeth Companies varied from $2^{\circ} \cdot 3$ C. ($36^{\circ} \cdot 1$ Fahr.) in February, to $21^{\circ} \cdot 3$ C. ($70^{\circ} \cdot 3$ Fahr.) in July.

The temperature of the water derived from the river Lea, as delivered by the New River and East London Companies, ranged from $2^{\circ} \cdot 0$ C. ($35^{\circ} \cdot 6$ Fahr.) in February, to $20^{\circ} \cdot 0$ C. ($68^{\circ} \cdot 0$ Fahr.) in August.

The temperature of the Kent Company's deep well water showed a minimum of $12^{\circ} \cdot 1$ C. ($53^{\circ} \cdot 8$ Fahr.) in October, and a maximum of $14^{\circ} \cdot 5$ C. ($58^{\circ} \cdot 1$ Fahr.) in December.

Thus the temperature of the river waters varied through the large range of $19^{\circ} \cdot 0$ C. ($66^{\circ} \cdot 2$ Fahr.); they were vapid and unrefreshing in summer, and in danger of freezing in winter; but the Kent Company's water was almost unaffected by change of season, the extreme range being only $2^{\circ} \cdot 4$ C. ($4^{\circ} \cdot 3$ Fahr.), so that it was cool and pleasant to drink in summer and far above the freezing point in winter; the highest temperature noted in the past year being actually in December.

Table B. gives the weight of solid impurities contained in 100,000 parts by weight of each sample of water. These consist of a great variety of substances, some of which are very objectionable and sometimes dangerous, whilst others are by comparison innocuous. The very objectionable impurities, which are organic, and form but a small part of the total impurity, were discovered in the water supplied from the rivers Thames and Lea in much larger proportions than in that derived from deep chalk wells by the Kent Company. During the year 1873 these impurities have slightly increased in quantity in each of the three classes of water. In the waters derived from the Thames they had a maximum in February and a minimum in September. In the Lea water the maximum occurred in February and the minimum in August. In the deep well water the maximum was attained in December and the minimum in October.

Tables C. and D. exhibit the proportion of organic impurity actually existing in each water at the time of analysis, as represented by the two most important elements, carbon and nitrogen. As the organic matters polluting the Thames and Lea are, to a large extent, of animal origin, the information thus given is of very great importance as regards the probable wholesomeness of the waters obtained from these rivers in different years and seasons. On comparing these results with those obtained in the year 1872, it will be seen that the character of the water derived from the Thames has undergone a considerable, and that from the Lea a slight, amelioration, while the supply from the chalk has suffered a slight deterioration in quality. The maximum organic pollution occurred in the months of January, February, March, November, and December, during which months the water supplied from the Thames was seldom suitable for domestic use. In August, and for some time after, the East London Company obtained part of its supply from the Thames at Hampton, and the analysis of samples taken on the same day, direct from the main conveying this water, at Sunbury and at Finsbury Park showed that it had suffered no deterioration by passing through such an unusual

length of pipe ; a result which is extremely satisfactory, as in long mains considerable pollution has been observed to arise from the vicious system of packing the joints with tow.

The Kent Company's water from the chalk still maintains its high character for comparative freedom from organic matter, and is, therefore, again taken as the standard of comparison in Table E.

Taking the proportion of organic elements in this water as unity, the maximum, minimum, and average proportions in each of the other Metropolitan waters during the year 1873 were as follows :—

	Maximum.	Minimum.	Average.
Kent	1·0	1·0	1·0
New River	5·4	1·1	2·2
West Middlesex	7·4	2·0	3·5
East London	7·4	2·1	3·6
Southwark	8·2	2·1	3·8
Grand Junction	8·5	1·8	3·8
Chelsea	8·1	2·1	4·0
Lambeth	8·9	2·6	4·3

The Thames and Lea are, at their chief sources, as free from organic pollution as the deep well water from the chalk ; but on their way to the intakes of the water companies they are largely contaminated by sewage and the drainage from fields dressed with animal manure, and this especially in the winter months.

Tables F. and G. require no comment.

Table H. exhibits the total weight of combined nitrogen, and thus, after applying a small correction for the combined nitrogen in rain water, sums up the evidence of both *past* and *present* contamination of each water by nitrogenous organic matter. But this evidence is defective in the spring and summer months, since the combined nitrogen is greatly diminished by serving as food for the myriads of animal and vegetable-organisms then living in the rivers ; so that, as evidence of pollution, attention must be restricted to the combined nitrogen found in the autumn and winter. It appears, then, that the average amount of total combined nitrogen in 100,000 parts of Thames water in January, February, March, October, November, and December, 1872, was '3 part, and in the same six months of 1873 it was '293 part. In the same quantity of Lea water it was '317 part in 1872, and '281 part in 1873. The water of the Kent Company being derived from deep wells in the chalk is not subject to this diminution of combined nitrogen from the action of animal and vegetable life, and the average may, therefore, be taken on the whole year, and it was '454 part in 1872, and '471 part in 1873. On comparing together the three tables C., D., and H., a considerable improvement is manifest in the condition of the waters derived from the Thames and Lea, both as regards the actual organic pollution and the total combined nitrogen, and a slight deterioration in the case of the Kent Company's water.

Table I. shows the *past* as distinguished from the *present* pollution of the water by sewage and animal matters, giving, in terms of average London sewage, the amount of previous animal contamination deduced from the results shown in Tables F. and G. The aquatic life above described as causing a diminution of the total combined nitrogen in the preceding Table would clearly be equally active in obliterating the evidence of previous animal contamination. This is well seen in the case of the water from the river Lea distributed by the East London Company, which is known to be more polluted by animal matter than that taken from the same river by the New River Company. Notwithstanding this, the water of the former company showed evidence in November of previous contamination equal to that derivable from 420 parts of average London sewage in 100,000 parts of water, while that of the latter company indicated previous pollution corresponding to 2260 parts of sewage ; the reason being, that the former water had been stored for about eighteen days before filtration, whilst the latter had been sent direct from the river to the filters. In the case of the water abstracted from the rivers Thames and Lea, this evidence of previous contamination is of serious importance, because there is great probability that the morbific matter, sometimes present in animal

excreta, will be carried down the stream without decomposition and will produce disease in those persons who drink the water. In the case of the deep well water of the Kent Company, however, this evidence may be disregarded, because the excessive filtration to which such water is subjected in passing downwards through a great thickness of chalk affords a sufficient guarantee that all noxious constituents have been removed.

Table K. shows the proportion of chlorine found in the various waters. The principal value of this analytical determination is to detect the admixture of water from the tidal reaches of the Thames and Lea, as many of the filters and reservoirs of the companies are situated on the banks of these polluted tidal streams. No such pollution has been discovered during the year 1873.

Table L. shows the hardness of each sample analysed ; that is to say, the amount by weight of carbonate of lime or other equivalent soap-destroying substances in 100,000 parts by weight of water. The average hardness of the Thames water supplied to London during 1872 was $20^{\circ}7$ or parts in 100,000 of water, and in 1873 it was 21° or parts. The average hardness of the water from the Lea was $21^{\circ}9$ or parts in 1872, and $21^{\circ}7$ or parts in 1873. The average hardness of the Kent Company's water was $29^{\circ}2$ or parts in 1872, and $29^{\circ}9$ or parts in 1873 : it is therefore about 9° harder than the Thames water, and 8° harder than the Lea water. The use of any of these waters for washing entails a yearly loss of vast quantities of soap or soda necessary to soften them before they can be used, but any of them could be softened to nearly the necessary extent by the use of lime,—an operation which is employed at Aylesbury, Canterbury, Caterham, and Tring, to soften similar waters before they are distributed to the public.

Lastly, Table M. gives the annual average of each determination, and thus brings into juxtaposition the average results yielded by the water supplied by each company throughout the year.

The following table shows the degree of efficiency with which each of the companies drawing from the Thames and Lea has filtered the water distributed during the year 1873 :—

NAMES OF COMPANIES.	Number of Occasions when clear and transparent.	Number of Occasions when slightly turbid.	Number of Occasions when turbid.	Number of Occasions when very turbid.
THAMES.				
Chelsea	9	2	1	0
West Middlesex	12	0	0	0
Southwark	10	2	0	0
Grand Junction	9	3	0	0
Lambeth	9	2	1	0
OTHER SOURCES.				
New River	11	1*	0	0
East London	12	0	0	0
Kent	12	0	0	0

* White films, probably due to alterations in the mains.

The water supplied by the Kent Company, obtained from deep wells in the chalk, is always clear and transparent without filtration. Only three of the remaining companies, the West Middlesex, New River, and East London, effected satisfactory filtration throughout the year ; the subsidence reservoirs and filter beds of all the others are quite inadequate to deal with Thames water when the river is in flood. Since, however, the river has been subject to very few floods during the year 1873, the condition of the water supplied to consumers has been, as regards filtration, decidedly better than it was in the previous year.

On being submitted to microscopical examination, the suspended matters in turbid water are almost invariably found to contain large numbers of living and moving organisms, and during the past year the turbid samples of the Grand Junction and Lambeth Companies exhibited such forms of life on three occasions each, the Chelsea and Southwark on two, and the New River once only. The following table gives the results of such microscopic examinations during the past five years:—

	Number of occasions when living organisms were found.				
	1869.	1870.	1871.	1872.	1873.
Chelsea	-	3	2	3	2
West Middlesex	-	0	0	0	0
Southwark	-	8	1	4	2
Grand Junction	-	4	1	1	3
Lambeth	-	5	0	4	3
New River	-	0	0	0	1
East London	-	4	3	3	0
Kent	-	0	0	0	0

The system of constant supply, but chiefly by means of standpipes, is being gradually introduced into the poorer districts of the Metropolis, and it appears from a return made by Major Bolton to the Local Government Board, that the inhabitants of about 10 per cent. of the houses in London are now thus supplied. The extension of this most desirable system to the actual supply of houses is almost entirely prevented by the excessively stringent and costly regulations which are insisted upon by the water companies before they will furnish the constant service. These regulations are now the chief obstacles to the general introduction of a constant supply, since, according to the return just quoted, there are already within the Metropolis $648\frac{1}{2}$ miles of mains, out of a total of $2,525\frac{1}{2}$ miles, or upwards of one fourth, which are constantly charged. Such mains are available for the fixing of hydrants, which would be a very important addition to the means for extinguishing fires now at the disposal of the Fire Brigade.

I have, &c.

The Registrar General,
&c. &c. &c.

E. FRANKLAND.

TABLE A.

TEMPERATURE (in Centigrade degrees) of the METROPOLITAN WATERS, as delivered from the Companies' Mains.

NAMES OF COMPANIES.	1873.												
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea	8.3	8.5	6.5	9.0	12.0	16.0	18.8	19.5	17.5	13.7	10.2	9.6	12.0
West Middlesex	9.0	8.8	7.0	9.3	12.5	18.0	21.0	20.5	18.5	14.7	9.9	10.0	12.8
Southwark	10.0	8.8	7.5	9.5	13.0	18.3	21.3	19.8	18.3	15.1	10.2	10.2	13.1
Grand Junction	8.2	2.3	5.0	8.0	11.0	18.3	20.6	18.3	16.8	12.5	9.5	8.9	11.6
Lambeth	7.8	8.5	6.5	9.0	12.0	16.3	18.8	19.5	17.5	14.0	10.0	9.6	12.0
OTHER SOURCES.													
New River	8.3	8.0	6.5	10.0	11.8	17.0	19.5	20.0	18.0	14.0	10.0	9.8	12.3
East London	8.2	2.0	6.0	9.0	11.5	17.2	19.0	19.5	17.3	13.7	9.6	13.6	12.2
Kent	12.3	12.2	12.5	13.5	13.5	13.5	14.0	14.0	13.8	12.1	13.3	14.5	13.3

TABLE B.

WEIGHT of SOLID IMPURITY in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1873.												
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea	28.52	29.50	27.14	29.72	25.30	27.06	26.38	26.10	25.26	26.56	27.42	28.84	27.32
West Middlesex	27.56	32.36	28.96	29.40	26.72	23.88	24.32	24.92	23.74	24.72	27.24	30.66	27.04
Southwark	27.92	31.96	29.32	28.54	26.36	24.90	23.92	24.10	24.64	25.44	28.34	30.86	27.19
Grand Junction	26.66	31.30	29.30	29.88	25.84	25.54	24.78	25.10	24.10	26.20	27.88	31.10	27.31
Lambeth	29.42	31.58	29.00	30.44	27.96	27.06	26.40	25.22	26.10	27.52	30.18	30.72	28.47
OTHER SOURCES.													
New River	31.00	31.90	30.44	29.06	25.94	25.70	26.42	26.00	25.18	26.52	29.98	30.20	28.19
East London	33.40	36.06	32.90	28.34	25.72	25.38	24.56	22.62	23.56	27.90	26.28	34.64	28.45
Kent	40.94	42.94	41.58	41.64	42.20	40.56	40.84	39.82	40.98	39.16	40.00	44.04	41.22

TABLE C.

ORGANIC CARBON in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1873.												
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea	447	201	259	143	121	132	138	154	121	130	323	198	197
West Middlesex	341	175	252	153	114	122	128	139	114	122	223	191	173
Southwark	396	190	268	157	118	131	129	132	123	136	272	181	186
Grand Junction	412	227	275	185	124	133	127	142	119	117	197	193	183
Lambeth	449	215	287	143	125	130	145	171	145	149	308	201	206
OTHER SOURCES.													
New River	257	168	178	97	63	63	74	64	59	62	109	885	107
East London	333	300	160	179	127	109	112	127	120	139	174	216	175
Kent	059	048	031	041	043	040	054	044	053	056	065	062	050

TABLE D.

NAMES OF COMPANIES.	1873.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean
THAMES.													
Chelsea - - -	·056	·026	·050	·018	·013	·025	·023	·043	·019	·023	·067	·040	·034
West Middlesex -	·034	·032	·031	·019	·016	·027	·024	·030	·015	·026	·055	·031	·028
Southwark - -	·045	·035	·044	·020	·020	·027	·022	·023	·022	·021	·060	·024	·030
Grand Junction -	·049	·033	·050	·020	·016	·037	·029	·027	·023	·017	·043	·036	·032
Lambeth - -	·065	·042	·052	·023	·021	·043	·026	·045	·027	·038	·065	·031	·040
OTHER SOURCES.													
New River - -	·032	·020	·027	·013	·011	·015	·018	·016	·010	·015	·024	·016	·018
East London - -	·042	·082	·032	·024	·024	·030	·022	·023	·015	·046	·043	·043	·035
Kent - - -	·006	·005	·007	·008	·007	·010	·009	·014	·007	·017	·014	·012	·010

TABLE E.
PROPORTIONAL AMOUNT of ORGANIC ELEMENTS, that in the KENT Company's Water
being taken as 1.

TABLE F.
AMMONIA in 100,000 parts of the WATERS.

TABLE G.

NITROGEN as NITRATES and NITRITES in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1873.												Mean.		
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
THAMES.															
Chelsea	-	-	235	389	255	284	248	155	178	153	148	175	265	218	225
West Middlesex	-	-	266	357	267	286	253	096	154	074	119	171	212	157	201
Southwark	-	-	224	328	264	273	243	106	158	061	139	165	224	215	200
Grand Junction	-	-	227	343	257	290	239	132	162	119	128	175	202	213	207
Lambeth	-	-	275	371	281	309	281	157	174	114	169	193	387	247	246
OTHER SOURCES.															
New River	-	-	329	382	319	295	254	158	178	202	183	249	258	188	248
East London	-	-	322	262	320	221	173	092	131	080	091	103	074	156	169
Kent	-	-	410	545	553	582	604	419	369	400	416	471	371	396	461

TABLE H.

TOTAL combined NITROGEN in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1873.												Mean.		
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
THAMES.															
Chelsea	-	-	292	416	305	302	202	180	201	196	168	198	332	258	259
West Middlesex	-	-	301	389	298	306	270	123	178	105	134	197	267	188	230
Southwark	-	-	270	365	309	293	265	133	180	084	161	186	284	239	231
Grand Junction	-	-	276	376	308	311	256	169	191	147	151	192	245	249	239
Lambeth	-	-	341	414	334	332	303	200	200	159	197	231	452	278	287
OTHER SOURCES.															
New River	-	-	361	383	346	308	266	173	196	219	193	264	282	204	266
East London	-	-	365	345	352	246	197	122	153	103	106	150	117	199	205
Kent	-	-	416	551	560	591	611	429	378	414	423	488	385	408	471

TABLE I.

PREVIOUS SEWAGE or ANIMAL CONTAMINATION in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1873.												Mean.		
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
THAMES.															
Chelsea	-	-	2040	3580	2230	2520	2170	1230	1460	1210	1170	1430	2330	1860	1940
West Middlesex	-	-	2350	3250	2350	2550	2220	640	1220	430	870	1390	1800	1250	1690
Southwark	-	-	1930	2980	2330	2410	2130	740	1260	290	1070	1330	1920	1830	1680
Grand Junction	-	-	1950	3110	2260	2590	2080	1000	1300	880	960	1430	1700	1810	1760
Lambeth	-	-	2440	3400	2500	2770	2500	1250	1420	820	1380	1610	3550	2150	2150
OTHER SOURCES.															
New River	-	-	2970	3310	2870	2630	2230	1260	1460	1710	1510	2170	2260	1560	2160
East London	-	-	2910	2310	2880	1900	1410	600	990	480	590	710	420	1240	1370
Kent	-	-	3780	5140	5210	5510	5720	3870	3370	3680	3840	4390	3390	3640	4290

TABLE K.
CHLORINE in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1873.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	1.95	1.85	1.85	1.80	1.90	1.80	1.90	1.90	1.90	1.90	2.20	2.20	1.93
West Middlesex - -	1.90	1.80	1.80	1.75	1.80	1.75	1.80	1.90	1.80	1.85	2.30	2.10	1.88
Southwark - -	1.85	1.75	1.80	1.80	1.85	1.85	1.90	1.95	1.75	1.80	2.10	1.90	1.86
Grand Junction - -	1.85	1.75	1.80	1.80	1.80	1.85	1.85	2.00	1.80	1.90	2.00	1.90	1.86
Lambeth - -	1.90	1.70	1.80	1.80	1.90	1.90	1.80	1.85	1.85	1.95	2.30	2.00	1.90
OTHER SOURCES.													
New River - -	1.70	1.70	1.65	1.60	1.75	1.80	1.70	1.75	1.70	1.75	1.70	1.90	1.72
East London - -	1.95	1.95	1.90	1.95	2.00	2.00	2.10	2.00	1.95	2.00	1.90	2.00	1.97
Kent - -	2.45	2.50	2.40	2.45	2.50	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.54

TABLE L.

DEGREES OF HARDNESS (1 deg. = 1 part of carbonate of lime, or its equivalent,) in 100,000 parts of the WATERS.

NAMES OF COMPANIES.	1873.												
	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Mean.
THAMES.													
Chelsea - -	19.7	21.8	20.9	22.7	20.3	20.6	21.2	20.6	20.3	20.6	18.9	22.1	20.8
West Middlesex - -	20.9	22.7	21.5	22.4	20.9	19.1	19.9	20.6	19.4	19.7	20.9	23.3	20.9
Southwark - -	18.9	23.0	21.5	22.4	19.7	19.7	19.7	20.0	20.0	20.0	21.5	23.6	20.8
Grand Junction - -	20.0	23.0	21.8	23.0	19.4	20.0	19.4	20.3	20.9	21.5	20.9	24.2	21.2
Lambeth - -	20.3	23.3	20.6	23.3	21.5	20.9	20.9	21.2	20.9	20.9	20.0	23.3	21.4
OTHER SOURCES.													
New River - -	22.7	24.8	23.3	22.1	20.9	21.2	21.5	21.2	18.9	21.5	22.7	24.8	22.1
East London - -	24.8	24.8	23.9	20.9	19.4	20.6	19.4	17.1	19.4	21.8	19.7	23.6	21.3
Kent - -	30.6	29.7	29.7	29.7	28.8	29.4	29.1	31.3	29.4	29.1	31.3	30.6	29.9

TABLE M.
AVERAGES FOR 1873.

The numbers in this Table relate to 100,000 parts of each Water.

NAMES OF COMPANIES.	Temperature in Centigrade Degrees.	Total Solid Impurity.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Nitrates and Nitrites.	Total combined Nitrogen.	Previous Sewage or Animal Contamination. (Estimated.)	Chlorine.	Total Hardness.		Proportional Amount of organic Elements, that in the Kent Company's Water being taken as 1.
										1	2	
THAMES.												
Chelsea - -	12.0	27.32	.197	.034	.000	.225	.259	1940	1.93	20.8	4.0	
West Middlesex - -	12.8	27.04	.173	.028	.000	.201	.230	1690	1.88	20.9	3.5	
Southwark - -	13.1	27.19	.186	.030	.000	.200	.231	1680	1.86	20.8	3.8	
Grand Junction - -	11.6	27.31	.183	.032	.000	.207	.239	1760	1.86	21.2	3.8	
Lambeth - -	12.0	28.47	.206	.040	.000	.246	.287	2150	1.90	21.4	4.3	
OTHER SOURCES.												
New River - -	12.3	28.19	.107	.018	.000	.248	.266	2160	1.72	22.1	2.2	
East London - -	12.2	28.45	.175	.035	.000	.169	.205	1370	1.97	21.3	3.6	
Kent - -	13.3	41.22	.050	.010	.000	.461	.471	4290	2.54	29.9	1.0	

FIRES IN LONDON DURING THE YEAR 1873.

Captain Shaw, the Chief Officer of the Metropolitan Fire Brigade, reports that the number of fires attended by the brigade during the year 1873 was 1548, or 54 more than in 1872, but 17 less than the average number in the last 10 years. Serious damage was occasioned by 166, or 11 per cent. of the fires last year, and slight damage by 1382, or 89 per cent. In 1872 these per-centages were 8 and 92 respectively, but in the year 1871 the proportions were the same as last year, and in each of the previous five years the proportion of fires occasioning serious loss was greater. In 74 of the fires in the Metropolis during 1873 life was seriously endangered, and in 20 actual loss of life occurred. The number of persons seriously endangered by fire was 140, of whom 105 were saved, and 35 lost their lives. Of the 35 whose lives were lost, 12 were taken out alive but died afterwards of their injuries, and 23 were suffocated or burnt to death. In the previous year only 22 lives were lost and 160 saved.

The establishment of fire engines consisted of 3 floating steam fire engines and 104 land engines (of which 21 were steam and 83 manual engines) distributed amongst 50 fire engine stations, and 4 floating stations. These numbers, when compared with those in the previous year, show a decrease of 4 steam and 2 manual engines; there are, however, 5 steam and 2 manual engines now in course of construction. The number of fire escapes was 125, the same as in 1872, distributed amongst 105 stations against 106 stations in 1872. The strength of the brigade was the same as in the previous year, the number of firemen, including the chief officer, the superintendents and all ranks, being 396; 90 were employed on the several watches by day and 181 by night. During the year 98 firemen received injuries on duty.

The quantity of water used for extinguishing fires in the Metropolis during the year 1873 was more than twenty-two and a half million gallons, or about 101,000 tons; 66,113 tons, or nearly two thirds of the whole quantity, were taken from the river, canals, and docks, and the remainder from the street pipes.

Captain Shaw calls attention to the enormous height to which buildings are erected in London without any precautions for the safety of life in the upper stories. Since a fire escape can only reach a height of 50 feet at the utmost, and only 30 feet immediately on its arrival, persons living in these lofty buildings should make their own arrangements for getting down externally to spots within reach of these machines. For this purpose Captain Shaw suggests fixed external ladders, or continuous balconies on every story communicating with each other by means of stairs; the ladders or balconies to be made of wrought iron or of some other material proof against immediate destruction by heat.

Number of Fires and of False Alarms attended during each Month of the Year 1873.

1873.	TOTAL CALLS.	FIRES.			FALSE AND CHIMNEY ALARMS.		
		Seriously damaged.	Slightly damaged.	Total.	False.	Chim- neys.	Total.
TOTAL	1703	166	1382	1548	83	72	155
January	- - -	118	8	110	2	6	8
February	- - -	120	11	98	4	7	11
March	- - -	127	14	102	8	3	11
April	- - -	151	14	120	8	9	17
May	- - -	151	17	118	9	7	16
June	- - -	159	16	129	8	6	14
July	- - -	178	20	139	12	7	19
August	- - -	154	18	118	12	6	18
September	- - -	126	11	107	5	3	8
October	- - -	128	18	102	6	2	8
November	- - -	122	6	105	6	5	11
December	- - -	169	13	142	3	11	14

LONDON:

Printed by GEORGE E. EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty.

For Her Majesty's Stationery Office